Editors

JOHN I. BREWER, *Editor in Chief*

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, *Editors*

ALBERT B. GERBIE, *Associate Editor*

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, *Editors Emeritus*

Advisory committee on policy

John L. M. Bean
Melvin W. Breese
Tommy N. Evans
Clifford P. Goplerud
T. Terry Hayashi
Robert B. Jaffe
John Van S. Maeck
A. Cullen Richardson
J. Donald Woodruff
Samuel S. C. Yen

Board of corresponding editors

Oscar Aguero, *Caracas*
Fritz Beller, *Muenster/Westf.*
Sir Norman Jeffcoate, *Liverpool*
Takashi Kobayashi, *Tokyo*
Parvati K. Malkani, *New Delhi*
Jean Snoeck, *Brussels*

Volume 118
January-April, 1974
The C. V. Mosby Company
St. Louis
1974

in addition to those listed on the front cover
the Journal is the official publication
of the following societies

NEW YORK OBSTETRICAL SOCIETY
OBSTETRICAL SOCIETY OF PHILADELPHIA
BROOKLYN GYNECOLOGICAL SOCIETY
ST. LOUIS GYNECOLOGICAL SOCIETY
NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY
THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND
CHICAGO GYNECOLOGICAL SOCIETY
CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY
WASHINGTON GYNECOLOGICAL SOCIETY
PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
BOSTON OBSTETRICAL SOCIETY
LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SEATTLE GYNECOLOGICAL SOCIETY
ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY
KANSAS CITY GYNECOLOGICAL SOCIETY
CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS
NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY
THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
NEW YORK GYNECOLOGICAL SOCIETY
PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION
BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SAN FRANCISCO GYNECOLOGICAL SOCIETY

Volume 118
Copyright © 1974 by The C. V. Mosby Company
(All rights reserved)

Printed in the United States of America

Index to volume 118

Author index*

A

Abramovici, H., Brandes, J. M., Fuchs, K., and Timor-Tritsch, I. Meconium during delivery: A sign of compensated fetal distress, 251

Abramson, D. (*see* Brackbill et al.), 377

Ahmad, Mohammad Mitwalli, and Parrish, Vestal W., Jr. A study of the occurrence of gonorrhea in postpartum women, 368

Aksel, Sezer, and Jones, Georgeanna S. Effect of progesterone and 17-hydroxyprogesterone caproate on normal corpus luteum function, 466

Allen, H. H., Sergovich, F., Stuart, E. M. Pozsonyi, J., and Murray, B. Infants undergoing antenatal genetic diagnosis: A preliminary report, 310

Allen, Marjorie A. (*see* Stenchever, Kunysz, and Allen), 106

Alment, E. A. J. Obstetrics and gynecology in the new society, 592

Altaras, M., Potashnik, G., Ben-Adereth, N., and Leventhal, H. The use of vacuum extraction in cases of cord prolapse during labor, 824

Amano, Y. (*see* Behrman et al.), 616

Andersen, Graham J. (*see* Symonds, Andersen, and Pickles), 6

Anderson, Stephen G. (*see* Greiss and Anderson), 763

— (*see* Greiss, Anderson, and King), 542

Andrews, William C., and Larsen, G. Douglas. Endometriosis: Treatment with hormonal pseudopregnancy and/or operation, 643

Askalani, Hatem, Smuk, Magdolna, Sugar, Judith, Delvoye, Pierre, Robyn, Claude, and Schwers, Jean. Serum progesterone in nonpregnant women. I. Comparative study of serum progesterone concentration and urinary pregnanediol excretion, 1054

—, Wilkin, Paul, and Schwers, Jean. Serum progesterone in nonpregnant women. II. Correlation between serum progesterone and some other luteinization parameters, 1064

Assali, Nicholas S. (*see* Brinkman, Mofid, and Assali), 77

B

Baird, Patricia A., and Lowry, R. B. Absent vagina and the Klippel-Feil anomaly, 290 (Comm. in brief)

Ballard, Charles A. Therapeutic abortion and sterilization by vaginal hysterectomy, 891

— (*see* Corlett and Ballard), 353

— (*see* Shaw and Ballard), 1081

Barberia, Juan M. (*see* Mishell et al.), 990

Batts, James A., Jr., Tchilinguirian, Nubar G. O., and Passmore, Jon. Pheochromocytoma in pregnancy: A case report and review of the pathophysiology, 576 (Comm. in brief)

Bauman, Karl E., and Wilson, Robert R. Contraceptive practices of white unmarried university students: The significance of four years at one university, 190

Beck, Paul (*see* Katz, Beck, and Makowski), 51

Bedell, James H. (*see* Lanman, Kohl, and Bedell), 485

Behrman, Richard (*see* Zuspan, Behrman, and Paton), 837

Behrman, S. J., Yoshida, T., Amano, Y., and Paine, P. Rhesus and squirrel monkey placental specific antigen(s), 616

Ben-Adereth, N. (*see* Altaras et al.), 824

Benirschke, Kurt (*see* Kirshen, Naftolin, and Benirschke), 799

Benowitz, N. (*see* Teramo et al.), 935

Benzie, R. J. (*see* Doran et al.), 314

Berger, Gary S., Tyler, Carl W., and Harrod, Emma K. Maternal deaths associated with paracervical block anesthesia, 1142 (Comm. in brief)

Berger, Merle J. (*see* Himathongkam et al.), 288

Berlin, Melvin. Ovarian vein thrombosis, 880 (Comm. in brief)

Bieniarz, Joseph, Ivankovich, Anthony, and Scommegna, Antonio. Cardiac output during ritodrine treatment in premature labor, 910

Bogaib, N. (*see* Spirer et al.), 1089

Bohorquez, Joseph F. (*see* Nelson et al.), 749

Borenstein, Richard (*see* Greenblatt, Borenstein, and Hernandez-Ayup), 783

Brackbill, Y., Kane, J., Manniello, R. L., and Abramson, D. Obstetric premedication and infant outcome, 377

Brandes, J. M. (*see* Abramovici et al.), 251

Braunstein, H. (*see* Dooley, Braunstein, and Osher), 971

Brenner, W. E., Bruce, R. D., and Hendricks, C. H. The characteristics and perils of breech presentation, 700

Brinkman, Charles R., III, Mofid, Massoud, and Assali, Nicholas S. Circulatory shock in pregnant sheep. III. Effects of hemorrhage on uteroplacental and fetal circulation and oxygenation, 77

Bruce, R. D. (*see* Brenner, Bruce and Hendricks), 700

Burch, John C., Byrd, Benjamin F., Jr., and Vaughn, William K. The effects of long-term estrogen on hysterectomized women, 778

Burd, Laurence I. (*see* Merrill, Burd, and VerBurg), 1146

Burstein, Irving, Kinch, Robert A. H., and Stern, Leo. Anxiety, pregnancy, labor, and the neonate, 195

Burton, Barbara K., Gerbie, Albert B., and Nadler, Henry L. Present status of intrauterine diagnosis of genetic defects, 718 (Current developments)

Byrd, Benjamin F., Jr. (*see* Burch, Byrd, and Vaughn), 778

C

Calanog, Anthony, Sall, Sanford, Gordon, Myron, and Sedlis, Alexander. Comprehensive cytologic screening in patients undergoing voluntary abortions, 102

Caputo, Michael J., and Hosty, Thomas A. Further characterization of the sex hormone–binding globulin in amniotic fluid, 496

Castadot, Robert G. (*see* Rosenfield and Castadot), 1104

*January 1, 1-158; January 15, 159-298; February 1, 299-442; February 15, 443-582; March 1, 583-748; March 15, 749-890; April 1, 891-1032; April 15, 1033-1178.

Castellini, W. (*see* Grattarola et al.), 173
Caterini, Herik (*see* Pelosi et al.), 966
Chase, Charles L. (*see* Noyes et al.), 809
Chik, Lawrence, Rosen, Mortimer G., and Hirsch, Victor J. An analysis of lag time and variability of fetal heart rate measurements, 237
Christian, C. D. (*see* Lox, Christian, and Heine), 114
Christie, G. B., and Cudmore, D. W. The oxytocin challenge test, 327
Churches, C. K., Kurrle, G. R., and Johnson, Bruce. Treatment of carcinoma of the cervix by combination of irradiation and operation, 1033
Cibils, Luis A. The placenta and newborn infant in hypertensive conditions, 256
Clark, Sarah Jane (*see* Murphy et al.), 538
Cleary, Robert E., and Young, Peter C. M. Serum unconjugated estriol in normal and abnormal pregnancy, 18
— (*see* Kim et al.), 955
Clewell, William H. (*see* Goodlin and Clewell), 285
Cobo, Edgard, Rodriguez, Aristarco, and De Villamizar, Mary. Milk-ejecting activity induced by prostaglandin $F_{2\alpha}$, 831
Cohen, H. (*see* Cohen and Cohen), 200
Cohen, M., and Cohen, H. A radioimmunoassay for plasma unconjugated estrogens in normal pregnancy, 200
Collins, J. A., and Jewkes, D. M. Progesterone metabolism by proliferative and secretory human endometrium, 179
— (*see* Tasker and Collins), 344
Condorelli, Salvatore, Cosmi, Ermelando V., and Scarpelli, Emile M. Extrapulmonary source of amniotic fluid phospholipids, 842
Conley, H. H. (*see* Hawk, Cooper, and Conley), 480
Conte, Felix A. (*see* Golbus et al.), 897
Cook, Michael J. (*see* Novy, Cook, and Manaugh), 412
Cookson, Peter (*see* Kaufmann, Cooper, and Cookson), 877
Cooper, B. S. (*see* Hawk, Cooper, and Conley), 480
Cooper, Jay M. (*see* Kaufmann, Cooper, and Cookson), 877
Corlett, Robert C., Jr., and Ballard, Charles A. The induction of midtrimester abortion with intra-amniotic prostaglandin $F_{2\alpha}$, 353
Cosmi, Ermelando V. (*see* Condorelli, Cosmi, and Scarpelli), 842
Cramer, Daniel W., and Cutler, Sidney J. Incidence and histopathology of malignancies of the female genital organs in the United States, 443
Csapo, A. I., Pulkkinen, M. O., and Kaihola, H. L. The relationship between the timing of luteectomy and the incidence of complete abortions, 985 (Current investigation)
Cudmore, D. W. (*see* Christie and Cudmore), 327
Cunningham, M. Douglas (*see* Richardson et al.), 1115
Cutler, Sidney J. (*see* Cramer and Cutler), 443

D

Dalton, W. L. (*see* van Nagell et al.), 163
David, M. P. (*see* Spirer et al.), 1089
De Rezende, Jorge (*see* Lima et al.), 1143
De Villamizar, Mary (*see* Cobo, Rodriguez, and De Villamizar), 831
Decker, David G. (*see* Malkasian et al.), 461
Delvoye, Pierre (*see* Askalani et al.), 1054
Depp, Richard (*see* Sciarra et al.), 626
Desjardins, P. D. (*see* Fournier, Desjardins, and Friesen), 337
Diamond, Herbert (*see* Sharon et al.), 25
Dillon, Thomas F., Phillips, Louise Lang, Risk, Abraham, Horiguchi, Terusada, Mohajer-Shojai, Ezatolah, and Mootabar, Hamid. The efficacy of prostaglandin $F_{2\alpha}$ in second-trimester abortion, 688
DiSaia, Philip J. (*see* Nalick et al.), 393
Donadio, James V., Jr., and Holley, Keith E. Postpartum acute renal failure: Recovery after heparin therapy, 510
Donald, Ian. New problems in sonar diagnosis in obstetrics and gynecology, 299
— (*see* Murphy et al.), 538
Dooley, R. R., Braunstein, H., and Osher, A. B. Polypoid cervicitis in cystic fibrosis patients receiving oral contraceptives, 971
Doolino, Elizabeth C., and Sweeney, Vincent P. Migrainous hemiplegia during breast-feeding, 568 (Comm. in brief)
Doran, T. A., Rudd, N. L., Gardner, H. A., Lowden, J. A., Benzie, R. J., and Liedgren, S. I. The antenatal diagnosis of genetic disease, 314
Duckman, S., Suarez, J., and Tantakesem, P. Ovarian pregnancy and the intrauterine contraceptive device, 570 (Comm. in brief)
Dupon, C. (*see* Kim et al.), 955
Dwyer, John F. Teenage pregnancy, 373
Dyer, Donald C. (*see* Van Nimwegen and Dyer), 1099

E

Epstein, Charles J. (*see* Golbus et al.), 897

F

Fahim, Mostafa (*see* Hilderbrand et al.), 950
Fahim, Zuhal (*see* Hilderbrand et al.), 950
Fenster, Carol (*see* Light and Fenster), 46
Ferenczy, Alex (*see* Lippert, Richart, and Ferenczy), 1140
Filer, Margaret (*see* Zuspan, Behrman, and Paton), 837
Fournier, P. J. R., Desjardins, P. D., and Friesen, H. G. Current understanding of human prolactin physiology and its diagnostic and therapeutic applications: A review, 337
Friedman, Daniel. Parturiphobia, 130 (Current opinion)
Fries, Hans, Nillius, Sven Johan, and Pettersson, Folke. Epidemiology of secondary amenorrhea. II. A retrospective evaluation of etiology with special regard to psychogenic factors and weight loss, 473
Friesen, H. G. (*see* Fournier, Desjardins, and Friesen), 337
— (*see* Tolis et al.), 91
Frigoletto, Fredric D. (*see* Stubblefield et al.), 284
Fuchs, Anna-Riitta. Myometrial response to prostaglandins enhanced by progesterone, 1093
Fuchs, Fritz (*see* Wilson et al.), 499
Fuchs, K. (*see* Abramovici et al.), 251
Fukunaga, Keiko (*see* Goldstein et al.), 1132

G

Gabert, Harvey A., and Stenchever, Morton A. Electronic fetal monitoring as a routine practice in an obstetric service: A progress report, 534
Galask, Rudolph P., Larsen, Bryan, and Snyder, Irvin S. Amniotic fluid–induced surface ultramicrocytopathology of *Escherichia coli*, 921
Gall, Stanley (*see* Lin et al.), 223
Gallager, S. (*see* Wharton, Gallager, and Rutledge), 159
Gang, Nicholas F. (*see* Schwartz, Gang, and Gelfand), 857
Gardner, H. A. (*see* Doran et al.), 314
Gelfand, Morrie M. (*see* Schwartz, Gang, and Gelfand), 857
Gerbie, Albert B. (*see* Burton, Gerbie, and Nadler), 718
Gill, F. (*see* Mennuti, Schwarz, and Gill), 565

Glenc, F. Early and late complications after therapeutic abortion, 34
Gluck, Louis (*see* Richardson et al.), 1115
Gobuty, A. (*see* Morris et al.), 927
Golbus, Mitchell S., Conte, Felix A., Schneider, Edward L., and Epstein, Charles J. Intrauterine diagnosis of genetic defects: Results, problems, and follow-up of one hundred cases in a prenatal genetic detection center, 897
Goldstein, Arnold S., Fukunaga, Keiko, Malachowski, Natalie, and Johnson, John D. A comparison of the lecithin/sphingomyelin ratio and shake test for estimating fetal maturity, 1132
Goldstein, Donald P. (*see* Pastorfide et al.), 293
Goldstein, Leon A. (*see* Hobbins, Mahoney, and Goldstein), 1069
Gómez-Rogers, Carlos (*see* Guiloff et al.), 42
Goodlin, Robert C., and Clewell, William H. Sudden fetal death following diagnostic amniocentesis, 285 (Comm. in brief)
— and Lowe, Ernest W. Unexplained hydramnios associated with a thanatophoric dwarf, 873 (Comm. in brief)
Gordon, Myron (*see* Calanog et al.), 102
Gradoville, M. Lyndle (*see* Wilfert and Gradoville), 1073
Grattarola, R., Secreto, G., Recchione, C., and Castellini, W. Androgens in breast cancer. II. Endometrial adenocarcinoma and breast cancer in married postmenopausal women, 173
Green, H. Gordon. Infants of alcoholic mothers, 713 (Current opinion)
Greenblatt, Robert B., Borenstein, Richard, and Hernandez-Ayup, Samuel. Experiences with Danazol (an antigonadotropin) in the treatment of infertility, 783
Greiss, Frank C., Jr., and Anderson, Stephen G. Pressure-flow relationship in the nonpregnant uterine vascular bed, 763
—, Anderson, Stephen G., and King, Lorraine C. Uterine vascular bed: Effects of acute hyperoxia, 542
Grover, Shobha (*see* Sonwalker and Grover), 961
Guiloff, Enrique, Ibarra-Polo, Andrés, Zañartu, Juan, Toscanini, Cora, Mischler, T. W., and Gómez-Rogers, Carlos. Effect of contraception on lactation, 42
Gunther, Ronald (*see* Leake, Gunther, and Sunshine), 271
Gusdon, John P., Jr. A long-term follow-up of passively immunologically sterilized rats, 1145 (Comm. in brief)
Gustavii, Björn. Intra-amniotic and extra-amniotic injection of sodium chloride solution: Amniotic fluid salinity and abortifacient effect, 218

H

Hafez, E. S. E. (*see* Vander Vliet and Hafez), 1006
Halbert, Seymour P. (*see* Lin et al.), 223
Halbrecht, I. (*see* Vardi and Halbrecht), 552
Harkins, J. L., Wilson, D. R., and Muggah, H. F. Acute renal failure in obstetrics, 331
Harrod, Emma K. (*see* Berger, Tyler, and Harrod), 1142
Hassanein, Khatab (*see* Miller and Hassanein), 62
Haswell, Glenn L. (*see* Morris et al.), 927
Hawk, H. W., Cooper, B. S., and Conley, H. H. Effects of a copper intrauterine contraceptive device on embryo survival, uterine spermicidal activity, and endometrial vascular porosity in the ewe, 480
Heine, M. W. (*see* Lox, Christian, and Heine), 114
Hendricks, C. H. (*see* Brenner, Bruce, and Hendricks), 700
Hepler, James K. (*see* Marshall et al.), 186
Herbst, Arthur L., Robboy, Stanley J., Macdonald, Gordon J., and Scully, Robert E. The effects of local progesterone on stilbestrol-associated vaginal adenosis, 607
Hernandez-Ayup, Samuel (*see* Greenblatt, Borenstein, and Hernandez-Ayup), 783
Heymann, M. A. (*see* Teramo et al.), 935
Hibbard, Lester T. (*see* Lowensohn and Hibbard), 36
Hilderbrand, David C., Fahim, Zuhal, James, Elizabeth, and Fahim, Mostafa. Ceruloplasmin and alkaline phosphatase levels in cord serum of term, preterm, and physiologically jaundiced neonates, 950
Hill, C. W. (*see* Roberts, Hill, and Riopelle), 14
Himathongkam, Thep, Berger, Merle J., Williams, Gordon H., and Rose, Leslie I. Incomplete testicular feminization syndrome with puberal virilization, 288 (Comm. in brief)
Hirono, Masahiro (*see* Sato et al.), 875
Hirsch, Victor J. (*see* Chik, Rosen, and Hirsch), 237
Hirsh, J. (*see* Kronick et al.), 819
Hobbins, John C., Mahoney, Maurice J., and Goldstein, Leon A. New method of intrauterine evaluation by the combined use of fetoscopy and ultrasound, 1069
Hobel, Calvin J. (*see* Thibeault and Hobel), 56
Hofmeister, F. J. Endometrial biopsy: Another look, 773
Holley, Keith E. (*see* Donadio and Holley), 510
Holtkamp, Dorsey E. (*see* MacKenzie et al.), 1041
Hon, Edward H. Additional observations on "pathologic" bradycardia, 428 (Current developments)
— (*see* Nochimson et al.), 523
— (*see* Paul and Hon), 529
— (*see* Yeh, Jilek, and Hon), 559
Horiguchi, Terusada (*see* Dillon et al.), 688
Hosseinian, A. H. (*see* Kim et al.), 955
Hosty, Thomas A. (*see* Caputo and Hosty), 496
Hudson, Ian (*see* Liu and Hudson), 906
Hue, K., Kwon, H. Y., Michael, Peter H., and Watson, Walter B. A comparative study of the safety and efficacy of postabortal intrauterine contraceptive device insertion, 975
Hustead, Robert F. (*see* Morris et al.), 927

I

Ibarra-Polo, Andrés (*see* Guiloff et al.), 42
Igarashi, Masao (*see* Sato et al.), 875
Isaacs, John H., and Wilhoite, Robert W. Aspiration cytology of the endometrium: Office and hospital sampling procedures, 679
Ivankovich, Anthony (*see* Bieniarz, Ivankovich, and Scommegna), 910

J

Jacobson, Eric S. Benign papillary peritoneal cystosis simulating serous cystadenocarcinoma of the ovary, 575 (Comm. in brief)
James, Elizabeth (*see* Hilderbrand et al.), 950
Jewkes, D. M. (*see* Collins and Jewkes), 179
Jilek, Jiri (*see* Yeh, Jilek, and Hon), 559
John, Peter (*see* Perrine and John), 29
Johnson, Bruce (*see* Churches, Kurrle, and Johnson), 1033
Johnson, F. L. (*see* Maudsley and Johnson), 349
Johnson, John D. (*see* Goldstein et al.), 1132
Jones, Georgeanna S. (*see* Aksel and Jones), 466
Jones, James (*see* Sharon et al.), 25
Jorgensen, Edward O. (*see* Malkasian et al.), 461
Judd, Howard L., Lucas, William E., and Yen, Samuel S. C. Effect of oophorectomy on circulating testosterone and androstenedione levels in patients with endometrial cancer, 793
Jyujyo, Toshikuni (*see* Sato et al.), 875

K

Kahanpää, K. (*see* Teramo et al.), 935
Kaihola, H. L. (*see* Csapo, Pulkkinen, and Kaihola), 985
Kaminetzky, Harold A. (*see* Pelosi et al.), 966
Kanazawa, Seiichi (*see* Tojo et al.), 119
Kane, J. (*see* Brackbill et al.), 377
Kaplan, David (*see* Sharon et al.), 25
Karam, Karam S. (*see* Thompson, Karam, and Taymor), 788
Karkinen-Jääskeläinen, Marketta, and Saxén, Lauri. Maternal influenza, drug consumption, and congenital defects of the central nervous system, 815
Katz, Fred H., Beck, Paul, and Makowski, Edgar L. The renin-aldosterone system in mother and fetus at term, 51
Kaufmann, Bruce M., Cooper, Jay M., and Cookson, Peter. *Clostridium perfringens* septicemia complicating degenerating uterine leiomyomas, 877 (Comm. in brief)
Kiefer, David (*see* Lin et al.), 223
Kim, M. H., Hosseinian, A. H., Sacris, M. O., Dupon, C., and Cleary, R. E. Hormonal profile in patients with gonadal dysgenesis, 955
Kinch, Robert A. H. (*see* Burstein, Kinch, and Stern), 195
King, Lorraine C. (*see* Greiss, Anderson, and King), 542
Kirshen, Edward J., Naftolin, Frederick, and Benirschke, Kurt. Starch glove powders and granulomatous peritonitis, 799
Kitzmiller, John L., Lang, J. E., Yelenosky, Patricia F., and Lucas, William E. Hematologic assays in preeclampsia, 362
Knox, G. Eric. Antihistamine blockade of the ovarian hyperstimulation syndrome, 992 (Current investigation)
Kohl, Gerald C., and Larson, Charles P. Office endometrial biopsies, 406
Kohl, Schuyler G. (*see* Lanman, Kohl, and Bedell), 485
Kosasa, Thomas S. (*see* Pastorfide et al.), 293
Kreitzer, Michael S. (*see* Nochimson et al.), 523
Kronick, J., Phelps, N. E., McCallion, D. J., and Hirsh, J. Effects of sodium warfarin administered during pregnancy in mice, 819
Kulvinskas, Claudius (*see* Robillard et al.), 548
Kumaresan, Perianna. The effect of oxytocin antibodies on the litter size in rats, 68
Kunysz, Terry J. (*see* Stenchever, Kunysz, and Allen), 106
Kurrle, G. R. (*see* Churches, Kurrle, and Johnson), 1033
Kwon, H. Y. (*see* Hue et al.), 975

L

Lang, J. E. (*see* Kitzmiller et al.), 362
Langley, F. A. (*see* Sen and Langley), 276
Lanman, Jonathan T., Kohl, Schuyler G., and Bedell, James H. Changes in pregnancy outcome after liberalization of the New York State abortion law, 485
Larsen, Bryan (*see* Galask, Larsen, and Snyder), 921
Larsen, G. Douglas (*see* Andrews and Larsen), 643
Larson, Charles P. (*see* Kohl and Larson), 406
Lauersen, Niels H., and Wilson, Kathleen H. Midtrimester abortion induced with a single intra-amniotic instillation of prostaglandin $F_{2\alpha}$, 210
— (*see* Wilson et al.), 499
Leake, Rosemary D., Gunther, Ronald, and Sunshine, Philip. Perinatal aspiration syndrome: Its association with intrapartum events and anesthesia, 271
Leventhal, H. (*see* Altaras et al.), 824
Levesque, Linda (*see* Pastorfide et al.), 293
Levin, M. (*see* Perlman and Levin), 1119
Levy, J. (*see* Spirer et al.), 1089
Levy, Marvin I. (*see* Noyes et al.), 809
Liedgren, S. I. (*see* Doran et al.), 314
Light, Harriett K., and Fenster, Carol. Maternal concerns during pregnancy, 46
Lima, Jorge Rodrigues, Montenegro, Carlos Antonio Barbosa, Panerai, Ronney Bernardes, and De Rezende, Jorge. The development of a hydrostatic compensating dual system for accurate intrauterine pressure determination, 1143 (Comm. in brief)
Lin, Tsue-Ming, Halbert, Seymour P., Kiefer, David, Spellacy, William N., and Gall, Stanley. Characterization of four human pregnancy-associated plasma proteins, 223
Lippert, L. J., Richart, Ralph M., and Ferenczy, Alex. Giant benign endocervical polyp: Report of a case, 1140 (Comm. in brief)
Liu, David T. Y., and Hudson, Ian. Karman cannula and first-trimester termination of pregnancy, 906
Lowden, J. A. (*see* Doran et al.), 314
Lowe, Ernest W. (*see* Goodlin and Lowe), 873
Lowensohn, Richard I., and Hibbard, Lester T. Laceration of the ascending branch of the uterine artery: A complication of therapeutic abortion, 36
Lowry, R. B. (*see* Baird and Lowry), 290
— (*see* Poland and Lowry), 322
Lox, Charles D., Christian, C. D., and Heine, M. W. A simple radioimmunoassay for testosterone, 114
Lu, Therese (*see* Nelson et al.), 749
Lucas, William E. (*see* Judd, Lucas, and Yen), 793
— (*see* Kitzmiller et al.), 362
Lupovitch, Aaron, and Shanoski, Stanley. Massive edema of the ovary, 291 (Comm. in brief)

M

Macasaet, Milagros A. (*see* Nelson et al.), 749
McCallion, D. J. (*see* Kronick et al.), 819
Macdonald, Gordon J. (*see* Herbst et al.), 607
MacKenzie, Robert D., Thompson, Ronald J., Holtkamp, Dorsey E., and Petrow, Vladimir. The effect on blood coagulation of ovariectomy and hysterectomy in rats given ethinyl estradiol, 1041
Mahoney, Maurice J. (*see* Hobbins, Mahoney, and Goldstein), 1069
Makowski, Edgar L. (*see* Katz, Beck, and Makowski), 51
Malachowski, Natalie (*see* Goldstein et al.), 1132
Malkasian, George D., Jr., Decker, David G., Jorgensen, Edward O., and Webb, Maurice J. Evaluation of 6,17α-dimethyl-6-dehydroprogesterone for treatment of recurrent and metastatic gynecologic malignancy, 461
Manaugh, Lynne (*see* Novy, Cook, and Manaugh), 412
Manniello, R. L.: (*see* Brackbill et al.), 377
Marshall, Byrne R., Hepler, James K., Scott, Richard H., and Zirbel, Clyde C. The Dalkon Shield in nulliparous women, 186
Maruyama, Y. (*see* van Nagell et al.), 163
Maudsley, R. F., and Johnson, F. L. An appraisal of office endometrial suction curettage, 349
Mennuti, M., Schwarz, R. H., and Gill, F. Obstetric management of isoimmune thrombocytopenia, 565 (Comm. in brief)
Merrill, L. Kent, Burd, Laurence I., and VerBuro, Daniel J. Laparoscopic removal of intraperitoneal Dalkon Shields: A report of three cases, 1136 (Comm. in brief)
Michael, Peter H. (*see* Hue et al.), 975
Mikami, Katsunobu (*see* Tojo et al.), 119

MILLER, HERBERT C., AND HASSANEIN, KHATAB. Maternal factors in "fetally malnourished" black newborn infants, 62
MISCHLER, T. W. (*see* GUILOFF ET AL.), 42
MISHELL, DANIEL R., JR., NAKAMURA, ROBERT M., BARBERIA, JUAN M., AND THORNEYCROFT, IAN H. Initial detection of human chorionic gonadotropin in serum in normal human gestation, 990 (Current investigation)
MOCHIZUKI, MATSUTO (*see* TOJO ET AL.), 119
MOFID, MASSOUD (*see* BRINKMAN, MOZID, AND ASSALI), 77
MOHAJER-SHOJAI, EZATOLAH (*see* DILLON ET AL.), 688
MOLTZ, ARNOLD (*see* NECHES, POMERANCE, AND MOLTZ), 137
MONTENEGRO, CARLOS ANTONIO BARBOSA (*see* LIMA ET AL.), 1143
MOOTABAR, HAMID (*see* DILLON ET AL.), 688
MORGAN, C. A. (*see* MORRIS ET AL.), 927
MORRIS, JOHN A., HUSTEAD, ROBERT F., ROBINSON, RALPH G., AND HASWELL, GLENN L., WITH THE TECHNICAL ASSISTANCE OF MORGAN, C. A., AND GOBUTY, A. Measurement of fetoplacental blood volume in the human previable fetus, 927
MORRIS, NAOMI M. (*see* SIEGEL AND MORRIS), 995
MORRISON, RICHARD, AND RUH, THOMAS S. A method for determination of lecithin and sphingomyelin in amniotic fluid, 493
MORROW, MICHAEL H. (*see* NALICK ET AL.), 393
DE MUELENAERE, G. F. G. O. Vaginal metastases in endometrial carcinoma, 168
MUGGAH, H. F. (*see* HARKINS, WILSON, AND MUGGAH), 331
MURPHY, BEVERLEY E. PEARSON, CLARK, SARAH JANE, DONALD, IAN ROSS, PINSKY, MICHAEL, AND VEDADY, DOREEN. Conversion of maternal cortisol to cortisone during placental transfer to the human fetus, 538
MURRAY, B. (*see* ALLEN ET AL.), 310
MYERS, RONALD E. (*see* ROUX AND MYERS), 385

N

NADLER, HENRY L. (*see* BURTON, GERBIE, AND NADLER), 718
NAFTOLIN, FREDERICK (*see* KIRSHEN, NAFTOLIN, AND BENIRSCHKE), 799
— (*see* STUBBLEFIELD ET AL.), 284
VAN NAGELL, J. R., JR., MARUYAMA, Y., PARKER, J. C., JR., AND DALTON, W. L. Small bowel injury following radiation therapy for cervical cancer, 163
— (*see* SPRAGUE AND VAN NAGELL), 805
NAKAMURA, ROBERT M. (*see* MISHELL ET AL.), 990
NALICK, RICHARD H., DISAIA, PHILIP J., REA, THOMAS H., AND MORROW, MICHAEL H. Immunologic response in gynecologic malignancy as demonstrated by the delayed hypersensitivity reaction: Clinical correlations, 393
NECHES, NORMAN M., POMERANCE, WILLIAM, AND MOLTZ, ARNOLD. A new computerized, multidisciplined, multihospital storage and retrieval system for patient discharge summaries, 137 (Current developments)
NELSON, JAMES H., JR., MACASAET, MILAGROS A., LU, THERESE, BOHORQUEZ, JOSEPH F., SMART, GEORGE E., NICASTRI, ANTHONY D., AND WALTON, LESLIE A. The incidence and significance of para-aortic lymph node metastases in late invasive carcinoma of the cervix, 749
NICASTRI, ANTHONY D. (*see* NELSON ET AL.), 749
NIEMANN, WENDELL H. (*see* WILSON ET AL.), 499
NILLIUS, SVEN JOHAN (*see* FRIES, NILLIUS, AND PETTERSSON), 473
NOCHIMSON, DAVID J., RIFFEL, HUGO D., YEH, SZE-YA, KREITZER, MICHAEL S., PAUL, RICHARD H., AND HON, EDWARD H. The effects of ritodrine hydrochloride on uterine activity and the cardiovascular system, 523
NOTATION, ALBERT D. (*see* SCIARRA ET AL.), 626
NOVY, MILES J., COOK, MICHAEL J., AND MANAUGH, LYNNE. Indomethacin block of normal onset of parturition in primates, 412 (Current investigation)
NOYES, ROBERT W., LEVY, MARVIN I., CHASE, CHARLES L., AND UDRY, J. RICHARD. Expectation fulfillment as a measure of patient satisfaction, 809

O

OJO, O. A., AND SAVAGE, V. Y. A ten-year review of maternal mortality rates in the University College Hospital, Ibadan, Nigeria, 517
OSHER, A. B. (*see* DOOLEY, BRAUNSTEIN, AND OSHER), 971

P

PAINE, P. (*see* BEHRMAN ET AL.), 616
PANERAI, RONNEY BERNARDES (*see* LIMA ET AL.), 1143
PAPP, JULIUS G. (*see* RESCH ET AL.), 73
PARDI, GIORGIO, TUCCI, ELIO, UDERZO, ASCANIO, AND ZANINI, DINO. Fetal electrocardiogram changes in relation to fetal heart rate patterns during labor, 243
PARKER, J. C., JR. (*see* VAN NAGELL ET AL.), 163
PARRISH, VESTAL W., JR. (*see* AHMAD AND PARRISH), 368
PASSMORE, JON (*see* BATTS, TCHILINGUIRIAN, AND PASSMORE), 576
PASTORFIDE, GREG B., GOLDSTEIN, DONALD P., KOSASA, THOMAS S., AND LEVESQUE, LINDA. Serum chorionic gonadotropin activity after molar pregnancy, therapeutic abortion, and term delivery, 293 (Comm. in brief)
PATON, JOHN (*see* ZUSPAN, BEHRMAN, AND PATON), 837
PAUL, RICHARD H., AND HON, EDWARD H. Clinical fetal monitoring. V. Effect on perinatal outcome, 529
— (*see* NOCHIMSON ET AL.), 523
PEARSE, WARREN H. A dean looks at a specialty, 757
PELOSI, MARCO ANTONIO, SAMA, JAHIR C., CATERINI, HERIK, AND KAMINETZKY, HAROLD A. Galactorrhea-amenorrhea syndrome associated with heroin addiction, 966
DE PÉREZ BEDÉS, GRETA DECLERCQ. The effects of chlormadinone acetate upon estradiol uptake by the rat mammary gland in organ culture, 1050
PERLMAN, MAX, AND LEVIN, M. Fetal pulmonary hypoplasia, anuria, and oligohydramnios: Clinicopathologic observations and review of the literature, 1119
PERRINE, RICHARD P., AND JOHN, PETER. Pregnancy in sickle-cell anemia in a Caucasian group, 29
PETROW, VLADIMIR (*see* MACKENZIE ET AL.), 1041
PETTERSSON, FOLKE (*see* FRIES, NILLIUS, AND PETTERSSON), 473
PHELPS, N. E. (*see* KRONICK ET AL.), 819
PHILLIPS, LOUISE LANG (*see* DILLON ET AL.), 688
PICKLES, BRENDA (*see* SYMONDS, ANDERSEN, AND PICKLES), 6
PINEDA, ALBERT (*see* SALL, RINI, AND PINEDA), 1
PINSKY, MICHAEL (*see* MURPHY ET AL.), 538
POCHOBRADSKY, J. Independence of human menstruation on lunar phases and days of the week, 1136 (Current investigation)
POLAND, B. J., AND LOWRY, R. B. The use of spontaneous abortuses and stillbirths in genetic counseling, 322
POLIVY, JANET. Psychological reactions to hysterectomy: A critical review, 417 (Current opinion)
POMERANCE, JEFFREY J. (*see* RICHARDSON ET AL.), 1115
POMERANCE, WILLIAM (*see* NECHES, POMERANCE, AND MOLTZ), 137
POTASHNIK, G. (*see* ALTARAS ET AL.), 824
POZSONYI, J. (*see* ALLEN ET AL.), 310
PULKKINEN, M. O. (*see* CSAPO, PULKKINEN, AND KAIHOLA), 985

Q

QUAMMEN, PARKER (*see* ZUSPAN, BEHRMAN, AND PATON), 837

R

RAGHAVAN, K. S. (*see* WILSON ET AL.), 499
RAO, PADMA (*see* ZUSPAN AND RAO), 671

Rea, Thomas H. (*see* Nalick et al.), 393
Recchione, C. (*see* Grattarola et al.), 173
Reiter, Russel J. Pineal-mediated regression of the reproductive organs of female hamsters exposed to natural photoperiods during the winter months, 878 (Comm. in brief)
Resch, Béla A., Papp, Julius G., Szontágh, Ferenc E., and Szekeres, László. Comparison of spontaneous contraction rates of in situ and isolated fetal hearts in early pregnancy, 73
Richardson, C. Joan, Pomerance, Jeffrey J., Cunningham, M. Douglas, and Gluck, Louis. Acceleration of fetal lung maturation following prolonged rupture of the membranes, 1115
Richart, Ralph M. (*see* Lippert, Richart, and Ferenczy), 1140
Riffel, Hugo D. (*see* Nochimson et al.), 523
Rini, Salvatore (*see* Sall, Rini, and Pineda), 1
Riopelle, A. J. (*see* Roberts, Hill, and Riopelle), 14
Risk, Abraham (*see* Dillon et al.), 688
Robboy, Stanley J. (*see* Herbst et al.), 607
Roberts, J. A., Hill, C. W., and Riopelle, A. J. Maternal protein deprivation and toxemia of pregnancy: Studies in the rhesus monkey (*Macaca mulatta*), 14
Robillard, Jean E., Thayer, Kent, Jr., Kulvinskas, Claudius, and Smith, Fred G., Jr. Spontaneous activity of the fetal bladder, 548
Robinson, Ralph G. (*see* Morris et al.), 927
Robyn, Claude (*see* Askalani et al.), 1054
Rodriguez, Aristarco (*see* Cobo, Rodriguez, and De Villamizar), 831
Rogers, Philip M., Saperstein, Morris L., and Rosenfeld, David L. Catamenial pneumothorax, 572 (Comm. in brief)
Rose, Leslie I. (*see* Himathongkam et al.), 288
Rosen, Mortimer G. (*see* Chik, Rosen, and Hirsch), 237
Rosenfeld, David L. (*see* Rogers, Saperstein, and Rosenfeld), 572
Rosenfield, Allan G., and Castadot, Robert G. Early postpartum and immediate postabortion intrauterine contraceptive device insertion, 1104
Roux, Jacques F., and Myers, Ronald E. In vitro metabolism of palmitic acid and glucose in the developing tissue of the rhesus monkey, 385
Rudd, N. L. (*see* Doran et al.), 314
Rudolph, A. M. (*see* Teramo et al.), 935
Ruh, Thomas S. (*see* Morrison and Ruh), 493
Rutledge, F. N. (*see* Wharton, Gallager, and Rutledge), 159
Ryan, Kenneth J. (*see* Stubblefield et al.), 284

S

Sacris, M. O. (*see* Kim et al.), 955
Sall, Sanford, Rini, Salvatore, and Pineda, Albert. Surgical management of invasive carcinoma of the cervix in pregnancy, 1
— (*see* Calanog et al.), 102
Salvador, H. S. (*see* Towell and Salvador), 1124
Sama, Jahir C. (*see* Pelosi et al.), 966
Sanders, Roger C. Localization of the cervix in ultrasonic placentography with the use of a fluid-filled pessary, 566 (Comm. in brief)
Saperstein, Morris L. (*see* Rogers, Saperstein, and Rosenfeld), 572
Sato, Tsuneharu, Tava, Kazuyoshi, Jyujyo, Toshikuni, Hirono, Masahiro, and Igarashi, Masao. The stimulatory effect of prostaglandins on luteinizing hormone release, 875 (Comm. in brief)
Savage, V. Y. (*see* Ojo and Savage), 517
Saxén, Lauri (*see* Karkinen-Jääskeläinen and Saxén), 815
Scarpelli, Emile M. (*see* Condorelli, Cosmi, and Scarpelli), 842
Schneider, Edward L. (*see* Golbus et al.), 897
Schwartz, Esther S., Gang, Nicholas F., and Gelfand, Morrie M. Studies on human placenta. I. Isolation and partial characterization of a glycoprotein from the chorionic villus, 857
Schwarz, R. H. (*see* Mennuti, Schwarz, and Gill), 565
Schwers, Jean (*see* Askalani, Wilkin, and Schwers), 1064
— (*see* Askalani et al.), 1054
Sciarra, John J., Tagatz, George E., Notation, Albert D., and Depp, Richard. Estriol and estetrol in amniotic fluid, 626
Scommegna, Antonio (*see* Bieniarz, Ivankovich, and Scommegna), 910
Scott, Richard H. (*see* Marshall et al.), 186
Scully, Robert E. (*see* Herbst et al.), 607
Secreto, G. (*see* Grattarola et al.), 173
Sedlis, Alexander (*see* Calanog et al.), 102
Semchyshyn, Stefan. Echinococcus discovered during pregnancy, 283 (Comm. in brief)
Sen, D. K., and Langley, F. A. Villous basement membrane thickening and fibrinoid necrosis in normal and abnormal placentas, 276
Sergovich, F. (*see* Allen et al.), 310
Shanoski, Stanley (*see* Lupovitch and Shanoski), 291
Sharon, Ezra, Jones, James, Diamond, Herbert, and Kaplan, David. Pregnancy and azathioprine in systemic lupus erythematosus, 25
Shaw, S. T., Jr., and Ballard, C. A. Subclinical coagulopathy following amnioinfusion with hypertonic saline, 1081
Shimura, Toshiyuki (*see* Tojo et al.), 119
Siegel, Earl, and Morris, Naomi M. Family planning: Its health rationale, 995 (Current opinion)
Simes, A. (*see* Teramo et al.), 935
Singh, Eric J., and Zuspan, Frederick P. Content of amniotic fluid prostaglandins in normal, diabetic, and drug-abuse human pregnancy, 358
Smart, George E. (*see* Nelson et al.), 749
Smith, Fred G., Jr. (*see* Robillard et al.), 548
Smuk, Magdolna (*see* Askalani et al.), 1054
Snyder, Irvin S. (*see* Galask, Larsen, and Snyder), 921
Somma, Maurice (*see* Tolis et al.), 91
Sonwalker, Aparna A., and Grover, Shobha. Chromosomal analysis in malignant ovarian tumors, 961
Spellacy, William N. (*see* Lin et al.), 223
Spirer, Z., Levy, J., Bogair, N., and David, M. P. Nitroblue-tetrazolium reduction test in pregnancy, 1089
Sprague, A. D., and van Nagell, J. R. The relationship of age and endometrial histology to blood loss and morbidity following vaginal hysterectomy, 805
Stenchever, Morton A., Kunysz, Terry J., and Allen, Marjorie A. Chromosome breakage in users of marihuana, 106
— (*see* Gabert and Stenchever), 534
Stern, Leo (*see* Burstein, Kinch, and Stern), 195
Stuart, E. M. (*see* Allen et al.), 310
Stubblefield, Phillip G., Naftolin, Frederick, Frigoletto, Fredric D., and Ryan, Kenneth J. Pretreatment with laminaria tents before mid-trimester abortion with intra-amniotic prostaglandin $F_{2\alpha}$, 284 (Comm. in brief)
Suarez, J. (*see* Duckman, Suarez, and Tantakeesem), 570
Sugar, Judith (*see* Askalani et al.), 1054
Sunshine, Philip (*see* Leake, Gunther, and Sunshine), 271
Sweeney, Vincent P. (*see* Dooling and Sweeney), 568
Symonds, E. Malcolm, Andersen, Graham J., and Pickles, Brenda. Inappropriate renin secretion in pregnancy, 6
Szekeres, László (*see* Resch et al.), 73
Szontágh, Ferenc E. (*see* Resch et al.), 73

T

Tagatz, George E. (*see* Sciarra et al.), 626

TANTAKESEM, P. (*see* DUCKMAN, SUAREZ, AND TANTAKESEM), 570
TASKER, J. T., AND COLLINS, J. A. Adenocarcinoma of the uterine cervix, 344
TAYA, KAZUYOSHI (*see* SATO ET AL.), 875
TAYMOR, MELVIN L. (*see* THOMPSON, KARAM, AND TAYMOR), 788
TCHILINGUIRIAN, NUBAR G. O. (*see* BATTS, TCHILINGUIRIAN, AND PASSMORE), 576
TERAMO, K., BENOWITZ, N., HEYMANN, M. A., KAHANPÄÄ, K., SHIMES, A., AND RUDOLPH, A. M. Effects of lidocaine on heart rate, blood pressure, and electrocorticogram in fetal sheep, 935
THAYER, KENT, JR. (*see* ROBILLARD ET AL.), 548
THIBEAULT, DONALD W., AND HOBEL, CALVIN J. The interrelationship of the foam stability test, immaturity, and intrapartum complications in the respiratory distress syndrome, 56
THLIVERIS, JAMES A. Ultrastructure of fetal liver at term and during prolonged gestation in the rat, 864
THOMPSON, IRWIN E., KARAM, KARAM S., AND TAYMOR, MELVIN L. Positive feedback effects of estrogen in amenorrheic women, 788
THOMPSON, RONALD J. (*see* MACKENZIE ET AL.), 1041
THORNEYCROFT, IAN H. (*see* MISHELL ET AL.), 990
TIMOR-TRITSCH, I. (*see* ABRAMOVICI ET AL.), 251
TOJO, SHIMPEI, MOCHIZUKI, MATSUTO, KANAZAWA, SEIICHI, MIKAMI, KATSUNOBU, TSUCHIHASHI, TOSHIAKI, AND SHIMURA, TOSHIYUKI. In vitro perfusion of the human utero-tubo-ovarian unit, 119
TOLIS, GEORGE, SOMMA, MAURICE, VAN CAMPENHOUT, JACQUES, AND FRIESEN, HENRY. Prolactin secretion in sixty-five patients with galactorrhea, 91
TOSCANINI, CORA (*see* GUILOFF ET AL.), 42
TOTH, ATTILA (*see* TOTH AND TOTH), 979
TOTH, SANDOR, AND TOTH, ATTILA. Undescribed muscle bundle of the human uterus: Fasciculus cervicoangularis, 979
TOWELL, M. E., AND SALVADOR, H. S. Intrauterine asphyxia and respiratory movements in the fetal goat, 1124
TSUCHIHASHI, TOSHIAKI (*see* TOJO ET AL.), 119
TUCCI, ELIO (*see* PARDI ET AL.), 243
TYLER, CARL W. (*see* BERGER, TYLER, AND HARROD), 1142

U

UDERZO, ASCANIO (*see* PARDI ET AL.), 243
UDRY, J. RICHARD (*see* NOYES ET AL.), 809

V

VAN ASSCHE, F. A. Quantitative morphologic and histoenzymatic study of the endocrine pancreas in nonpregnant and pregnant rats, 39
VAN CAMPENHOUT, JACQUES (*see* TOLIS ET AL.), 91
VAN NIMWEGEN, DONALD, AND DYER, DONALD C. The action of vasopressors on isolated uterine arteries, 1099
VANDER VLIET, W. L., AND HAFEZ, E. S. E. Survival and aging of spermatozoa: A review, 1006 (Current developments)
VARDI, J., AND HALBRECHT, I. Toxemia of pregnancy. I. Antigens associated with toxemia of pregnancy in placental connective tissue, 552
VAUGHN, WILLIAM K. (*see* BURCH, BYRD, AND VAUGHN), 778
VEDADY, DOREEN (*see* MURPHY ET AL.), 538
VERBURG, DANIEL J. (*see* MERRILL, BURD, AND VERBURG), 1146

W

WALTON, LESLIE A. (*see* NELSON ET AL.), 749
WATSON, WALTER B. (*see* HUE ET AL.), 975
WEBB, MAURICE J. (*see* MALKASIAN ET AL.), 461
WELSCH, FRANK. Choline acetyltransferase in aneural tissue: Evidence for the presence of the enzyme in the placenta of the guinea pig and other species, 849
WHARTON, J. T., GALLAGER, S., AND RUTLEDGE, F. N. Microinvasive carcinoma of vulva, 159
WILFERT, CATHERINE M., AND GRADOVILLE, M. LYNDLE. In vitro viral studies of cells grown from human amniotic fluid samples, 1073
WILHOITE, ROBERT W. (*see* ISAACS AND WILHOITE), 679
WILKIN, PAUL (*see* ASKALANI, WILKIN, AND SCHWERS), 1064
WILLIAMS, GORDON H. (*see* HIMATHONGKAM ET AL.), 288
WILSON, D. R. (*see* HARKINS, WILSON, AND MUGGAH), 331
WILSON, KATHLEEN H., LAURSEN, NIELS H., RAGHAVAN, K. S., FUCHS, FRITZ, AND NIEMANN, WENDELL H. Effects of diazoxide and beta adrenergic drugs on spontaneous and induced uterine activity in the pregnant baboon, 499
— (*see* LAURSEN AND WILSON), 210
WILSON, ROBERT B. Today and tomorrow, 584
WILSON, ROBERT R. (*see* BAUMAN AND WILSON), 190
WYNN, RALPH M. Ultrastructural development of human decidua, 652

Y

YEH, SZE-YA, JILEK, JIRI, AND HON, EDWARD H. On-line diagnosis of ominous fetal heart rate patterns: A warning device, 559 (Current investigation)
— (*see* NOCHIMSON ET AL.), 523
YELENOSKY, PATRICIA F. (*see* KITZMILLER ET AL.), 362
YEN, SAMUEL S. C. (*see* JUDD, LUCAS, AND YEN), 793
YOSHIDA, T. (*see* BEHRMAN ET AL.), 616
YOUNG, PETER C. M. (*see* CLEARY AND YOUNG), 18

Z

ZAÑARTU, JUAN (*see* GUILOFF ET AL.), 42
ZANINI, DINO (*see* PARDI ET AL.), 243
ZIRBEL, CLYDE C. (*see* MARSHALL ET AL.), 186
ZUSPAN, FREDERICK P., BEHRMAN, RICHARD, AND PATON, JOHN, WITH THE TECHNICAL ASSISTANCE OF FILER, MARGARET, AND QUAMMEN, PARKER. Amniotic fluid, epinephrine, and norepinephrine. I. Comparison between the human and baboon, 837
— AND RAO, PADMA. Thermogenic alterations in the woman. I. Interaction of amines, ovulation, and basal body temperature, 671
— (*see* SINGH AND ZUSPAN), 358

Subject index*

A

Abortifacient effect, amniotic fluid salinity and: Intra-amniotic and extra-amniotic injection of sodium chloride solution (Gustavii), 218

Abortion(s), complete, incidence of, timing of luteectomy and, relationship between (Csapo, Pulkkinen, and Kaihola), 985 (Current investigation)

law, New York State, changes in pregnancy outcome after liberalization of (Lanman, Kohl, and Bedell), 485

midtrimester, induced with single intra-amniotic instillation of prostaglandin $F_{2\alpha}$ (Lauersen and Wilson), 210

induction of, with intra-amniotic prostaglandin $F_{2\alpha}$ (Corlett and Ballard), 353

with intra-amniotic prostaglandin $F_{2\alpha}$, pretreatment with laminaria tents before (Stubblefield et al.), 284 (Comm. in brief)

(post-), immediate, intrauterine contraceptive device insertion, early postpartum and (Rosenfield and Castadot), 1104

second-trimester, efficacy of prostaglandin $F_{2\alpha}$ in (Dillon et al.), 688

therapeutic, complication of: Laceration of ascending uterine artery (Lowensohn and Hibbard), 36

early and late complications after (Glenc), 34

and sterilization by vaginal hysterectomy (Ballard), 891

term delivery, and molar pregnancy, serum chorionic gonadotropin activity after (Pastorfide et al.), 293 (Comm. in brief)

voluntary, comprehensive cytologic screening in patients undergoing (Calanog et al.), 102

Abortuses, spontaneous, and stillbirths, use of, in genetic counseling (Poland and Lowry), 322

Acetate, chlormadinone, effects of, upon estradiol uptake by rat mammary gland in organ culture (de Pérez Bedés), 1050

Acetyltransferase, choline, in aneural tissue: Evidence for presence of enzyme in placenta of guinea pig and other species (Welsch), 849

Acid, palmitic, and glucose, in vitro metabolism of, in developing tissue of rhesus monkey (Roux and Myers), 385

Addiction, heroin, galactorrhea-amenorrhea syndrome associated with (Pelosi et al.), 966

Adenocarcinoma, endometrial, and breast cancer in married postmenopausal women, II. Androgens in breast cancer (Grattarola et al.), 173

of uterine cervix (Tasker and Collins), 344

Adenosis, stilbestrol-associated vaginal, effects of local progesterone on (Herbst et al.), 607

Adrenergic drugs, beta, diazoxide and, effects of, on spontaneous and induced uterine activity in pregnant baboon (Wilson et al.), 499

Age and endometrial histology, relationship of, to blood loss and morbidity following vaginal hysterectomy (Sprague and van Nagell), 805

Aging, survival and, of spermatozoa: Review (Vander Vliet and Hafez), 1006 (Current developments)

Alcoholic mothers, infants of (Green), 713 (Current opinion)

Aldosterone, renin-, system in mother and fetus at term (Katz, Beck, and Makowski), 51

Alkaline phosphatase levels, ceruloplasmin and, in cord serum of term, preterm, and physiologically jaundiced neonates (Hilderbrand et al.), 950

Amenorrhea, galactorrhea-, syndrome associated with heroin addiction (Pelosi et al.), 966

secondary, epidemiology of. II. Retrospective evaluation of etiology with special regard to psychogenic factors and weight loss (Fries, Nillius, and Pettersson), 473

Amenorrheic women, positive feedback effects of estrogen in (Thompson, Karam, and Taymor), 788

American Association of Obstetricians and Gynecologists, transactions, eighty-fourth annual meeting, 584-712, 749-782

Amines, ovulation, and basal body temperature, interaction of, I. Thermogenic alterations in women (Zuspan and Rao), 671

Amniocentesis, diagnostic, sudden fetal death following (Goodlin and Clewell), 285 (Comm. in brief)

Amnioinfusion with hypertonic saline, subclinical coagulopathy following (Shaw and Ballard), 1081

Amniotic fluid, epinephrine, and norepinephrine. I. Comparison between human and baboon (Zuspan, Behrman, and Paton), 837

estriol and estetrol in (Sciarra et al.), 626

further characterization of sex hormone–binding globulin in (Caputo and Hosty), 496

–induced surface ultramicrocytopathology of *Escherichia coli* (Galask, Larsen, and Snyder), 921

method for determination of lecithin and sphingomyelin in (Morrison and Ruh), 493

phospholipids, extrapulmonary source of (Condorelli, Cosmi, and Scarpelli), 842

prostaglandins, content of, in normal, diabetic, and drug-abuse human pregnancy (Singh and Zuspan), 358

samples, human, in vitro viral studies of cells grown from (Wilfert and Gradoville), 1073

intra-, and extra-amniotic injection of sodium chloride solution: Amniotic fluid salinity and abortifacient effect (Gustavii), 218

instillation, single, of prostaglandin $F_{2\alpha}$, midtrimester abortion induced with (Lauersen and Wilson), 210

prostaglandin $F_{2\alpha}$, induction of midtrimester abortion with (Corlett and Ballard), 353

pretreatment with laminaria tents before midtrimester abortion with (Stubblefield et al.), 284 (Comm. in brief)

Androgens in breast cancer. II. Endometrial adenocarcinoma and breast cancer in married postmenopausal women (Grattarola et al.), 173

Androstenedione levels, circulating testosterone and, effect of oophorectomy on, in patients with endometrial cancer (Judd, Lucas, and Yen), 793

Anemia, sickle-cell, in Caucasian group, pregnancy in (Perrine and John), 29

Anesthesia, intrapartum events and, association with: Perinatal aspiration syndrome (Leake, Gunther, and Sunshine), 271

paracervical block, maternal deaths associated with (Berger, Tyler, and Harrod), 1142 (Comm. in brief)

Aneural tissue, choline acetyltransferase in: Evidence for presence of enzyme in placenta of guinea pig and other species (Welsch), 849

Anomaly, Klippel-Feil, absent vagina and (Baird and Lowry), 290 (Comm. in brief)

*January 1, 1-158; January 15, 159-298; February 1, 299-442; February 15, 443-582; March 1, 583-748; March 15, 749-890; April 1, 891-1032; April 15, 1033-1178.

Antenatal diagnosis of genetic disease (Doran et al.), 314
genetic diagnosis, infants undergoing: Preliminary report (Allen et al.), 310
Antibodies, oxytocin, effect of, on litter size in rats (Kumaresan), 68
Antigen(s) associated with toxemia of pregnancy in placental connective tissue, I. Toxemia of pregnancy (Vardi and Halbrecht), 552
rhesus and squirrel monkey placental specific (Behrman et al.), 616
Antihistamine blockade of ovarian hyperstimulation syndrome (Knox), 992 (Current investigation)
Anuria, oligohydramnios, and pulmonary hypoplasia, fetal: Clinicopathologic observations and review of literature (Perlman and Levin), 1119
Anxiety, pregnancy, labor, and neonate (Burstein, Kinch, and Stern), 195
Artery (arteries), isolated uterine, action of vasopressors on (Van Nimwegen and Dyer), 1099
uterine, laceration of ascending branch of: Complication of therapeutic abortion (Lowensohn and Hibbard), 36
Ascending branch of uterine artery, laceration of: Complication of therapeutic abortion (Lowensohn and Hibbard), 36
Asphyxia, intrauterine, and respiratory movements in fetal goat (Towell and Salvador), 1124
Aspiration cytology of endometrium: Office and hospital sampling procedures (Isaacs and Wilhoite), 679
syndrome, perinatal: Association with intrapartum events and anesthesia (Leake, Gunther, and Sunshine), 271
Assays, hematologic, in pre-eclampsia (Kitzmiller et al.), 362
Azathioprine, pregnancy and, in systemic lupus erythematosus (Sharon et al.), 25

B

Basal body temperature, amines, and ovulation, interaction of, I. Thermogenic alterations in woman (Zuspan and Rao), 671
Basement membrane thickening, villous, and fibrinoid necrosis in normal and abnormal placentas (Sen and Langley), 276
Benign endocervical polyp, giant: Report of case (Lippert, Richart, and Ferenczy), 1140 (Comm. in brief)
papillary peritoneal cystosis simulating serous cystadenocarcinoma of ovary (Jacobson), 575 (Comm. in brief)
Beta adrenergic drugs, diazoxide and, effects of, on spontaneous and induced uterine activity in pregnant baboon (Wilson et al.), 499
Binding globulin, sex hormone—, in amniotic fluid, further characterization of (Caputo and Hosty), 496
Biopsy (biopsies), endometrial: Another look (Hofmeister), 773
office endometrial (Kohl and Larson), 406
Black newborn infants, fetally malnourished, maternal factors in (Miller and Hassanein), 62
Bladder, fetal, spontaneous activity of (Robillard et al.), 548
Block anesthesia, paracervical, maternal deaths associated with (Berger, Tyler, and Harrod), 1142 (Comm. in brief)
Blood coagulation, effect on, of ovariectomy and hysterectomy in rats given ethinyl estradiol (MacKenzie et al.), 1041
loss and morbidity following vaginal hysterectomy, relationship of age and endometrial histology to (Sprague and van Nagell), 805
pressure, electrocorticogram, and heart rate, effects of lidocaine on, in fetal sheep (Teramo et al.), 935
volume, fetoplacental, measurement of, in human previable fetus (Morris et al.), 927
Books received, 298, 582, 890, 1156
Bowel injury, small, following radiation therapy for cervical cancer (van Nagell et al.), 163
Bradycardia, "pathologic," additional observations on (Hon), 428 (Current developments)
Branch, ascending, of uterine artery, laceration of: Complication of therapeutic abortion (Lowensohn and Hibbard), 36
Breakage, chromosome, in users of marihuana (Stenchever, Kunysz, and Allen), 106
Breast cancer, androgens in. II. Endometrial adenocarcinoma and breast cancer in married postmenopausal women (Grattarola et al.), 173
-feeding, migrainous hemiplegia during (Dooling and Sweeney), 568 (Comm. in brief)
Breech presentation, characteristics and perils of (Brenner, Bruce, and Hendricks), 700
Bundle, undescribed muscle, of human uterus: Fasciculus cervicoangularis (Toth and Toth), 979

C

Cancer, cervical, small bowel injury following radiation therapy for (van Nagell et al.), 163
endometrial, effect of oophorectomy on circulating testosterone and androstenedione levels in patients with (Judd, Lucas, and Yen), 793
Cannula, Karman, and first-trimester termination of pregnancy (Liu and Hudson), 906
Caproate, 17-hydroxyprogesterone, effect of progesterone and, on normal corpus luteum function (Aksel and Jones), 466
Carcinoma of cervix, treatment of, by combination of irradiation and operation (Churches, Kurrle, and Johnson), 1033
endometrial, vaginal metastases in (de Mûelenaere), 168
invasive, of cervix in pregnancy, surgical management of (Sall, Rini, and Pineda), 1
late invasive, of cervix, incidence and significance of para-aortic lymph node metastases in (Nelson et al.), 749
microinvasive, of vulva (Wharton, Gallager, and Rutledge), 159
Cardiac output during ritodrine treatment in premature labor (Bieniarz, Ivankovich, and Scommegna), 910
Cardiovascular system, uterine activity and, effects of ritodrine hydrochloride on (Nochimson et al.), 523
Catamenial pneumothorax (Rogers, Saperstein, and Rosenfeld), 572 (Comm. in brief)
Caucasian group, pregnancy in sickle-cell anemia in (Perrine and John), 29
Cell(s) grown from human amniotic fluid samples, in vitro viral studies of (Wilfert and Gradoville), 1073
sickle-, anemia in Caucasian group, pregnancy in (Perrine and John), 29
Central nervous system, congenital defects of, maternal influenza, drug consumption, and (Karkinen-Jääskeläinen and Saxén), 815
Ceruloplasmin and alkaline phosphatase levels in cord serum of term, preterm, and physiologically jaundiced neonates (Hilderbrand et al.), 950
Cervical cancer, small bowel injury following radiation therapy for (van Nagell et al.), 163
Cervicitis, polypoid, in cystic fibrosis patients receiving oral contraceptives (Dooley, Braunstein, and Osher), 971
Cervicoangularis, fasciculus: Undescribed muscle bundle of human uterus (Toth and Toth), 979
Cervix, carcinoma of, treatment of, by combination of irradiation and operation (Churches, Kurrle, and Johnson), 1033
invasive carcinoma of, in pregnancy, surgical management of (Sall, Rini, and Pineda), 1
late invasive carcinoma of, incidence and significance of para-aortic lymph node metastases in (Nelson et al.), 749

Cervix—Cont'd
localization of, in ultrasonic placentography with use of fluid-filled pessary (Sanders), 566 (Comm. in brief)
uterine, adenocarcinoma of (Tasker and Collins), 344
Challenge test, oxytocin (Christie and Cudmore), 327
Chloride solution, sodium, intra-amniotic and extra-amniotic injection of: Amniotic fluid salinity and abortifacient effect (Gustavii), 218
Chlormadinone acetate, effects of, upon estradiol uptake by rat mammary gland in organ culture (de Pérez Bedés), 1050
Choline acetyltransferase in aneural tissue: Evidence for presence of enzyme in placenta of guinea pig and other species (Welsch), 849
Chorionic gonadotropin activity, serum, after molar pregnancy, therapeutic abortion, and term delivery (Pastorfide et al.), 293 (Comm. in brief)
human, in serum, initial detection of, in normal human gestation (Mishell et al.), 990 (Current investigation)
villus, isolation and partial characterization of glycoprotein from, I. Studies on human placenta (Schwartz, Gang, and Gelfand), 857
Chromosomal analysis in malignant ovarian tumors (Sonwalker and Grover), 961
Chromosome breakage in users of marihuana (Stenchever, Kunysz, and Allen), 106
Circulation and oxygenation, uteroplacental and fetal, effects of hemorrhage on, III. Circulatory shock in pregnant sheep (Brinkman, Mofid, and Assali), 77
Circulatory shock in pregnant sheep. III. Effects of hemorrhage on uteroplacental and fetal circulation and oxygenation (Brinkman, Mofid, and Assali), 77
Classic pages, 136, 282, 427, 564, 717, 872, 1005, 1139
Clostridium perfringens septicemia complicating degenerating uterine leiomyomas (Kaufmann, Cooper, and Cookson), 877 (Comm. in brief)
Coagulation, blood, effect on, of ovariectomy and hysterectomy in rats given ethinyl estradiol (MacKenzie et al.), 1041
Coagulopathy, subclinical, following amnioinfusion with hypertonic saline (Shaw and Ballard), 1081
Coli, Escherichia, amniotic fluid–induced surface ultramicrocytopathology of (Galask, Larsen, and Snyder), 921
Communications in brief, 283-294, 565-577, 873-881, 1140-1148
Compensated fetal distress, sign of: Meconium during delivery (Abramovici et al.), 251
Compensating dual system, hydrostatic, development of, for accurate intrauterine pressure determination (Lima et al.), 1143 (Comm. in brief)
Complication(s), early and late, after therapeutic abortion (Glenc), 34
intrapartum, foam stability test, and immaturity, interrelationship of, in respiratory distress syndrome (Thibeault and Hobel), 56
of therapeutic abortion: Laceration of ascending uterine artery (Lowensohn and Hibbard), 36
Computerized, multidisciplined, multihospital storage and retrieval system for patient discharge summaries (Neches, Pomerance, and Moltz), 137 (Current developments)
Congenital defects of central nervous system, maternal influenza, drug consumption, and (Karkinen-Jääskeläinen and Saxén), 815
Connective tissue, placental, antigens associated with toxemia of pregnancy in, I. Toxemia of pregnancy (Vardi and Halbrecht), 552
Contraception, effect of, on lactation (Guiloff et al.), 42
Contraceptive(s) device, copper intrauterine, effects of, on embryo survival, uterine spermicidal activity, and endometrial vascular porosity in ewe (Hawk, Cooper, and Conley), 480
Contraceptive(s) device—Cont'd
insertion, early postpartum and immediate postabortion intrauterine (Rosenfield and Castadot), 1104
postabortal intrauterine, comparative study of safety and efficacy of (Hue et al.), 975
intrauterine, ovarian pregnancy and (Duckman, Suarez, and Tantakcsem), 570 (Comm. in brief)
oral, polypoid cervicitis in cystic fibrosis patients receiving (Dooley, Braunstein, and Osher), 971
practices of white unmarried university students: Significance of four years at one university (Bauman and Wilson), 190
Contraction rates, spontaneous, of in situ and isolated fetal hearts in early pregnancy, comparison of (Resch et al.), 73
Copper intrauterine contraceptive device, effects of, on embryo survival, uterine spermicidal activity, and endometrial vascular porosity in ewe (Hawk, Cooper, and Conley), 480
Cord prolapse during labor, use of vacuum extraction in cases of (Altaras et al.), 824
serum of term, preterm, and physiologically jaundiced neonates, ceruloplasmin and alkaline phosphatase levels in (Hilderbrand et al.), 950
Corpus luteum function, normal, effect of progesterone and 17-hydroxyprogesterone caproate on (Aksel and Jones), 466
Correspondence, 295-297, 578-581, 882-889, 1149-1155
Cortisol, maternal, conversion of, to cortisone during placental transfer to human fetus (Murphy et al.), 538
Cortisone, conversion of maternal cortisol to, during placental transfer to human fetus (Murphy et al.), 538
Counseling, genetic, use of spontaneous abortuses and stillbirths in (Poland and Lowry), 322
Culture, organ, effects of chlormadinone acetate upon estradiol uptake by rat mammary gland in (de Pérez Bedés), 1050
Curettage, office endometrial suction, appraisal of (Maudsley and Johnson), 349
Current developments, 137-153, 428-441, 718-746, 1006-1015
investigation, 412-416, 559-563, 985-994, 1136-1138
opinion, 130-135, 417-426, 713-716, 995-1004
Cystadenocarcinoma, serous, of ovary, benign papillary peritoneal cystosis simulating (Jacobson), 575 (Comm. in brief)
Cystic fibrosis patients receiving oral contraceptives, polypoid cervicitis in (Dooley, Braunstein, and Osher), 971
Cystosis, benign papillary peritoneal, simulating serous cystadenocarcinoma of ovary (Jacobson), 575 (Comm. in brief)
Cytologic screening, comprehensive, in patients undergoing voluntary abortions (Calanog et al.), 102
Cytology, aspiration, of endometrium: Office and hospital sampling procedures (Isaacs and Wilhoite), 679

D

Dalkon Shield(s), intraperitoneal, laparoscopic removal of: Report of three cases (Merrill, Burd, and VerBurg), 1146 (Comm. in brief)
in nulliparous women (Marshall et al.), 186
Danazol (antigonadotropin), experiences with, in treatment of infertility (Greenblatt, Borenstein, and Hernandez-Ayup), 783
Dean looks at specialty (Pearse), 757
Death(s), maternal, associated with paracervical block anesthesia (Berger, Tyler, and Harrod), 1142 (Comm. in brief)
sudden fetal, following diagnostic amniocentesis (Goodlin and Clewell), 285 (Comm. in brief)
Decidua, human, ultrastructural development of (Wynn), 652
Defects, congenital, of central nervous system, maternal influenza, drug consumption, and (Karkinen-Jääskeläinen and Saxén), 815

Defects—Cont'd
genetic, intrauterine diagnosis of: Results, problems, and follow-up of one hundred cases in prenatal genetic detection center (Golbus et al.), 897
present status of intrauterine diagnosis of (Burton, Gerbie, and Nadler), 718 (Current developments)
Dehydroprogesterone, 6,17α-dimethyl-6-, evaluation of, for treatment of recurrent and metastatic gynecologic malignancy (Malkasian et al.), 461
Delayed hypersensitivity reaction, immunologic response in gynecologic malignancy as demonstrated by: Clinical correlations (Nalick et al.), 393
Delivery, meconium during: Sign of compensated fetal distress (Abramovici et al.), 251
term, molar pregnancy, and therapeutic abortion, serum chorionic gonadotropin activity after (Pastorfide et al.), 293 (Comm. in brief)
Device, copper intrauterine contraceptive, effects of, on embryo survival, uterine spermicidal activity, and endometrial vascular porosity in ewe (Hawk, Cooper, and Conley), 480
insertion, early postpartum and immediate postabortion intrauterine contraceptive (Rosenfield and Castadot), 1104
postabortal intrauterine contraceptive, comparative study on safety and efficacy of (Hue et al.), 975
intrauterine contraceptive, ovarian pregnancy and (Duckman, Suarez, and Tantakesem), 570 (Comm. in brief)
warning: On-line diagnosis of ominous fetal heart rate patterns (Yeh, Jilek, and Hon), 559 (Current investigation)
Diabetic, drug-abuse, and normal human pregnancy, content of amniotic fluid prostaglandins in (Singh and Zuspan), 358
Diagnosis, antenatal, of genetic disease (Doran et al.), 314
infants undergoing: Preliminary report (Allen et al.), 310
intrauterine, of genetic defects, present status of (Burton, Gerbie, and Nadler), 718 (Current developments)
Results, problems, and follow-up of one hundred cases in prenatal genetic detection center (Golbus et al.), 897
on-line, of ominous fetal heart rate patterns: Warning device (Yeh, Jilek, and Hon), 559 (Current investigation)
sonar, in obstetrics and gynecology, new problems in (Donald), 399
Diagnostic amniocentesis, sudden fetal death following (Goodlin and Clewell), 285 (Comm. in brief)
and therapeutic applications, its, human prolactin physiology and, current understanding of: Review (Fournier, Desjardins, and Friesen), 337
Diazoxide and beta adrenergic drugs, effects of, on spontaneous and induced uterine activity in pregnant baboon (Wilson et al.), 499
Discharge summaries, patient, new computerized multidisciplined, multihospital storage and retrieval system for (Neches, Pomerance, and Moltz), 137 (Current developments)
Disease, genetic, antenatal diagnosis of (Doran et al.), 314
Distress, compensated fetal, sign of: meconium during delivery (Abramovici et al.), 251
syndrome, respiratory, interrelationship of foam stability test, immaturity, and intrapartum complications in (Thibeault and Hobel), 56
Drug(s)-abuse, normal, and diabetic human pregnancy, content of amniotic fluid prostaglandins in (Singh and Zuspan), 358
beta adrenergic, diazoxide and, effects of, on spontaneous and induced uterine activity in pregnant baboon (Wilson et al.), 499
consumption, maternal influenza, and congenital defects of central nervous system (Karkinen-Jääskeläinen and Saxén), 815
Dual system, hydrostatic compensating, development of, for accurate intrauterine pressure determination (Lima et al.), 1143 (Comm. in brief)
Dwarf, thanatophoric, unexplained hydramnios associated with (Goodlin and Lowe), 873 (Comm. in brief)
Dysgenesis, gonadal, hormonal profile in patients with (Kim et al.), 955

E

Early pregnancy, comparison of spontaneous contraction rates of in situ and isolated fetal hearts in (Resch et al.), 73
Echinococcus discovered during pregnancy (Semchyshyn), 283 (Comm. in brief)
Edema, massive, of ovary (Lupovitch and Shanoski), 291 (Comm. in brief)
Editorial, 583
Electrocardiogram changes, fetal, in relation to fetal heart rate patterns during labor (Pardi et al.), 243
Electrocorticogram, heart rate, and blood pressure, effects of lidocaine on, in fetal sheep (Teramo et al.), 935
Electronic fetal monitoring as routine practice in obstetric service: Progress report (Gabert and Stenchever), 534
Embryo survival, uterine spermicidal activity, and endometrial vascular porosity, effects of copper intrauterine contraceptive device on, in ewe (Hawk, Cooper, and Conley), 480
Endocervical polyp, giant benign: Report of case (Lippert, Richart, and Ferenczy), 1140 (Comm. in brief)
Endocrine pancreas in nonpregnant and pregnant rats, quantitative morphologic and histoenzymatic study of (Van Assche), 39
Endometrial adenocarcinoma and breast cancer in married postmenopausal women, II. Androgens in breast cancer (Grattarola et al.), 173
biopsy (biopsies): Another look (Hofmeister), 773
office (Kohl and Larson), 406
cancer, effect of oophorectomy on circulating testosterone and androstenedione levels in patients with (Judd, Lucas, and Yen), 793
carcinoma, vaginal metastases in (de Mûelenaere), 168
histology, relationship of age and, to blood loss and morbidity following vaginal hysterectomy (Sprague and van Nagell), 805
suction curettage, office, appraisal of (Maudsley and Johnson), 349
vascular porosity, embryo survival and uterine spermicidal activity, effects of copper intrauterine contraceptive device on, in ewe (Hawk, Cooper, and Conley), 480
Endometriosis: Treatment with hormonal pseudopregnancy and/or operation (Andrews and Larsen), 643
Endometrium, aspiration cytology of: Office and hospital sampling procedures (Isaacs and Wilhoite), 679
proliferative and secretory, progesterone metabolism by (Collins and Jewkes), 179
Enzyme, evidence for presence of, in placenta of guinea pig and other species: Choline acetyltransferase in aneural tissue (Welsch), 849
Epinephrine, norepinephrine, and amniotic fluid. I. Comparison between human and baboon (Zuspan, Behrman, and Paton), 837
Erythematosus, systemic lupus, pregnancy and azathioprine in (Sharon et al.), 25
Escherichia coli, amniotic fluid–induced surface ultramicrocytopathology of (Galask, Larsen, and Snyder), 921
Estetrol, estriol and, in amniotic fluid (Sciarra et al.), 626
Estradiol, ethinyl, effect on blood coagulation of ovariectomy and hysterectomy in rats given (MacKenzie et al.), 1041
uptake by rat mammary gland in organ culture, effects of chlormadinone acetate upon (de Pérez Bedés), 1050

Estriol and estetrol in amniotic fluid (Sciarra et al.), 626
serum unconjugated, in normal and abnormal pregnancy (Cleary and Young), 18
Estrogen(s) long-term, effects of, on hysterectomized women (Burch, Byrd, and Vaughn), 778
plasma unconjugated, radioimmunoassay for, in normal pregnancy (Cohen and Cohen), 200
positive feedback effects of, in amenorrheic women (Thompson, Karam, and Taymor), 788
Ethinyl estradiol, effect on blood coagulation of ovariectomy and hysterectomy in rats given (MacKenzie et al.), 1041
Expectation fulfillment as measure of patient satisfaction (Noyes et al.), 809
Extra-amniotic injection, intra-amniotic and, of sodium chloride solution: Amniotic fluid salinity and abortifacient effect (Gustavii), 218
Extraction, vacuum, use of, in cases of cord prolapse during labor (Altaras et al.), 824

F

$F_{2\alpha}$, prostaglandin, efficacy of, in second-trimester abortion (Dillon et al.), 688
intra-amniotic, induction of midtrimester abortion with (Corlett and Ballard), 353
pretreatment with laminaria tents before midtrimester abortion with (Stubblefield et al.), 284 (Comm. in brief)
midtrimester abortion induced with single intra-amniotic instillation of (Lauersen and Wilson), 210
milk-ejecting activity induced by (Cobo, Rodriguez, and De Villamizar), 831
Family planning: Health rationale (Siegel and Morris), 995 (Current opinion)
Fasciculus cervicoangularis: Undescribed muscle bundle of human uterus (Toth and Toth), 979
Feeding, breast-, migrainous hemiplegia during (Dooling and Sweeney), 568 (Comm. in brief)
Feil, Klippel-, anomaly, absent vagina and (Baird and Lowry), 290 (Comm. in brief)
Feminization syndrome, incomplete testicular, with puberal virilization (Himathongkam et al.), 288 (Comm. in brief)
Fetal bladder, spontaneous activity of (Robillard et al.), 548
circulation and oxygenation, uteroplacental and, effects of hemorrhage on, III. Circulatory shock in pregnant sheep (Brinkman, Mofid, and Assali), 77
death, sudden, following diagnostic amniocentesis (Goodlin and Clewell), 285 (Comm. in brief)
distress, compensated, sign of: meconium during delivery (Abramovici et al.), 251
electrocardiogram changes in relation to fetal heart rate patterns during labor (Pardi et al.), 243
goat, intrauterine asphyxia and respiratory movements in (Towell and Salvador), 1124
heart(s) rate measurements, analysis of lag time and variability of (Chik, Rosen, and Hirsch), 237
patterns, ominous, on-line diagnosis of: Warning device (Yeh, Jilek, and Hon), 559 (Current investigation)
in situ and isolated, in early pregnancy, comparison of spontaneous contraction rates of (Resch et al.), 73
liver, ultrastructure of, at term and during prolonged gestation in rat (Thliveris), 864
lung maturation, acceleration of, following prolonged rupture of membranes (Richardson et al.), 1115
monitoring, clinical. V. Effect on perinatal outcome (Paul and Hon), 529
electronic, as routine practice in obstetric service: Progress report (Gabert and Stenchever), 534
pulmonary hypoplasia, anuria, and oligohydramnios: Clinicopathologic observations and review of literature (Perlman and Levin), 1119
maturity, comparison of lecithin/sphingomyelin ratio and shake test for estimating (Goldstein et al.), 1132
Fetal—Cont'd
sheep, effects of lidocaine on heart rate, blood pressure, and electrocorticogram in (Teramo et al.), 935
"Fetally malnourished" black newborn infants, maternal factors in (Miller and Hassanein), 62
Fetoplacental blood volume, measurement of, in human previable fetus (Morris et al.), 927
Fetoscopy and ultrasound, new method of intrauterine evaluation by combined use of (Hobbins, Mahoney, and Goldstein), 1069
Fetus, human, conversion of maternal cortisol to cortisone during placental transfer to (Murphy et al.), 538
previable, measurement of fetoplacental blood volume in (Morris et al.), 927
mother and, at term, renin-aldosterone system in (Katz, Beck, and Makowski), 51
Fibrinoid necrosis, villous basement membrane thickening and, in normal and abnormal placentas (Sen and Langley), 276
Fibrosis patients, cystic, receiving oral contraceptives, polypoid cervicitis in (Dooley, Braunstein, and Osher), 971
First-trimester termination of pregnancy, Karman cannula and (Liu and Hudson), 906
Flow, pressure-, relationship in nonpregnant uterine vascular bed (Greiss and Anderson), 763
Fluid, amniotic, epinephrine, and norepinephrine. I. Comparison between human and baboon (Zuspan, Behrman, and Paton), 837
estriol and estetrol in (Sciarra et al.), 626
further characterization of sex hormone–binding globulin in (Caputo and Hosty), 496
method for determination of lecithin and sphingomyelin in (Morrison and Ruh), 493
-filled pessary, localization of cervix in ultrasonic placentography with use of (Sanders), 566 (Comm. in brief)
-induced surface ultramicrocytopathology, amniotic, of *Escherichia coli* (Galask, Larsen, and Snyder), 921
phospholipids, amniotic, extrapulmonary source of (Condorelli, Cosmi, and Scarpelli), 842
prostaglandins, amniotic, content of, in normal, diabetic, and drug-abuse human pregnancy (Singh and Zuspan), 358
salinity, amniotic, and abortifacient effect: Intra-amniotic and extra-amniotic injection of sodium chloride solution (Gustavii), 218
samples, human amniotic, in vitro viral studies of cells grown from (Wilfert and Gradoville), 1073
Foam stability test, immaturity, and intrapartum complications, interrelationship of, in respiratory distress syndrome (Thibeault and Hobel), 56

G

Galactorrhea-amenorrhea syndrome associated with heroin addiction (Pelosi et al.), 966
prolactin secretion in sixty-five patients with (Tolis et al.), 91
Genetic counseling, use of spontaneous abortuses and stillbirths in (Poland and Lowry), 322
defects, intrauterine diagnosis of: Results, problems, and follow-up of one hundred cases in prenatal genetic detection center (Golbus et al.), 897
present status of intrauterine diagnosis of (Burton, Gerbie, and Nadler), 718 (Current developments)
diagnosis, antenatal, infants undergoing: Preliminary report (Allen et al.), 310
disease, antenatal diagnosis of (Doran et al.), 314
Genital organs, female, incidence and histopathology of malignancies of, in United States (Cramer and Cutler), 443
Gestation, normal human, initial detection of human chorionic gonadotropin in serum in (Mishell et al.), 990 (Current investigation)

Gestation—Cont'd
prolonged, ultrastructure of fetal liver at term and during, in rat (Thliveris), 864
Gland, rat mammary, in organ culture, effects of chlormadinone acetate upon estradiol uptake by (de Pérez Bedés), 1050
Globulin, sex hormone—binding, in amniotic fluid, further characterization of (Caputo and Hosty), 496
Glove powders, starch, and granulomatous peritonitis (Kirshen, Naftolin, and Benirschke), 799
Glucose, palmitic acid and, in vitro metabolism of, in developing tissue of rhesus monkey (Roux and Myers), 385
Glycoprotein from chorionic villus, isolation and partial characterization of, I. Studies on human placenta (Schwartz, Gang, and Gelfand), 857
Gonadal dysgenesis, hormonal profile in patients with (Kim et al.), 955
Gonadotropin activity, serum chorionic, after molar pregnancy, therapeutic abortion, and term delivery (Pastorfide et al.), 293 (Comm. in brief)
(anti-) (Danazol), experiences with, in treatment of infertility (Greenblatt, Borenstein, and Hernandez-Ayup), 783
human chorionic, in serum, initial detection of, in normal human gestation (Mishell et al.), 990 (Current investigation)
Gonorrhea, study of occurrence of, in postpartum women (Ahmad and Parrish), 368
Granulomatous peritonitis, starch glove powders and (Kirshen, Naftolin, and Benirschke), 799
Gynecologic malignancy, immunologic response in, as demonstrated by delayed hypersensitivity reaction: Clinical correlations (Nalick et al.), 393
recurrent and metastatic, evaluation of 6,17α-dimethyl-6-dehydroprogesterone for treatment of (Malkasian et al.), 461
Gynecology, obstetrics and, new problems in sonar diagnosis in (Donald), 399
in new society (Alment), 592

H

Health rationale: Family planning (Siegel and Morris), 995 (Current opinion)
Heart(s) rate, blood pressure, and electrocorticogram, effects of lidocaine on, in fetal sheep (Teramo et al.), 935
measurements, fetal, analysis of lag time and variability of (Chik, Rosen, and Hirsch), 237
patterns, fetal, during labor, fetal electrocardiogram changes in relation to (Pardi et al.), 243
ominous fetal, on-line diagnosis of: Warning device (Yeh, Jilek, and Hon), 559 (Current investigation)
in situ and isolated fetal, in early pregnancy, comparison of spontaneous contraction rates of (Resch et al.), 73
Hematologic assays in pre-eclampsia (Kitzmiller et al.), 362
Hemiplegia, migrainous, during breast-feeding (Dooling and Sweeney), 568 (Comm. in brief)
Hemorrhage, effects of, on uteroplacental and fetal circulation and oxygenation, III. Circulatory shock in pregnant sheep (Brinkmann, Mofid, and Assali), 77
Heparin therapy, recovery after: Postpartum acute renal failure (Donadio and Holley), 510
Heroin addiction, galactorrhea-amenorrhea syndrome associated with (Pelosi et al.), 966
Histoenzymatic study, quantitative morphologic and, of endocrine pancreas in nonpregnant and pregnant rats (Van Assche), 39
Histology, endometrial, relationship of age and, to blood loss and morbidity following vaginal hysterectomy (Sprague and van Nagell), 805
Histopathology, incidence and, of malignancies of female genital organs in United States (Cramer and Cutler), 443
Hormonal profile in patients with gonadal dysgenesis (Kim et al.), 955
Hormonal—Cont'd
pseudopregnancy and/or operation, treatment with: Endometriosis (Andrews and Larsen), 643
Hormone–binding globulin, sex, in amniotic fluid, further characterization of (Caputo and Hosty), 496
release, luteinizing, stimulatory effect of prostaglandins on (Sato et al.), 875 (Comm. in brief)
Hospital (multi-) storage and retrieval system, new computerized, multidisciplined, for patient discharge summaries (Neches, Pomerance, and Moltz), 137 (Current developments)
sampling procedures, office and: Aspiration cytology of endometrium (Isaacs and Wilhoite), 679
Hydramnios, unexplained, associated with thanatophoric dwarf (Goodlin and Lowe), 873 (Comm. in brief)
Hydrochloride, ritodrine, effects of, on uterine activity and cardiovascular system (Nochimson et al.), 523
Hydrostatic compensating dual system, development of, for accurate intrauterine pressure determination (Lima et al.), 1143 (Comm. in brief)
Hydroxyprogesterone, 17-, caproate, effect of progesterone and, on normal corpus luteum function (Aksel and Jones), 466
Hyperoxia, acute, effects of: Uterine vascular bed (Greiss, Anderson, and King), 542
Hypersensitivity reaction, delayed, immunologic response in gynecologic malignancy as demonstrated by: Clinical correlations (Nalick et al.), 393
Hyperstimulation syndrome, ovarian, antihistamine blockade of (Knox), 992 (Current investigation)
Hypertensive conditions, placenta and newborn infant in (Cibils), 256
Hypertonic saline, subclinical coagulopathy following amnioinfusion with (Shaw and Ballard), 1081
Hypoplasia, pulmonary, anuria, and oligohydramnios, fetal: Clinicopathologic observations and review of literature (Perlman and Levin), 1119
Hysterectomized women, effects of long-term estrogen on (Burch, Byrd, and Vaughn), 778
Hysterectomy, effect on blood coagulation of ovariectomy and, in rats given ethinyl estradiol (MacKenzie et al.), 1041
psychological reactions to: Critical review (Polivy), 417 (Current opinion)
vaginal, relationship of age and endometrial histology to blood loss and morbidity following (Sprague and van Nagell), 805
therapeutic abortion and sterilization by (Ballard), 891

I

Ibadan, Nigeria, maternal mortality rates in University College Hospital (Ojo and Savage), 517
Immaturity, intrapartum complications, and foam stability test, interrelationship of, in respiratory distress syndrome (Thibeault and Hobel), 56
Immunologic response in gynecologic malignancy as demonstrated by delayed hypersensitivity reaction: Clinical correlations (Nalick et al.), 393
Immunologically sterilized rats, passively, long-term follow-up of (Gusdon), 1145 (Comm. in brief)
Indomethacin block of normal onset of parturition in primates (Novy, Cook, and Manaugh), 412 (Current investigation)
Induced, amniotic fluid–, surface ultramicrocytopathology of *Escherichia coli* (Galask, Larsen, and Snyder), 921
with single intra-amniotic instillation of prostaglandin $F_{2\alpha}$, midtrimester abortion (Lauersen and Wilson), 210
uterine activity, spontaneous and, in pregnant baboon, effects of diazoxide and beta adrenergic drugs on (Wilson et al.), 499
Induction of midtrimester abortion with intra-amniotic prostaglandin $F_{2\alpha}$ (Corlett and Ballard), 353
Infant(s) of alcoholic mothers (Green), 713 (Current opinion)

Infant(s)—Cont'd
fetally malnourished black newborn, maternal factors in (Miller and Hassanein), 62
newborn, placenta and, in hypertensive conditions (Cibils), 256
outcome, obstetric premedication and (Brackbill et al.), 377
undergoing antenatal genetic diagnosis: Preliminary report (Allen et al.), 310
Infertility, experiences with Danazol (antigonadotropin) in treatment of (Greenblatt, Borenstein, and Hernandez-Ayup), 783
Influenza, maternal, drug consumption, and congenital defects of central nervous system (Karkinen-Jääskeläinen and Saxén), 815
Injection, intra-amniotic and extra-amniotic, of sodium chloride solution: Amniotic fluid salinity and abortifacient effect (Gustavii), 218
Insertion, early postpartum and immediate postabortion intrauterine contraceptive device (Rosenfield and Castadot), 1104
postabortal intrauterine contraceptive device, comparative study of safety and efficacy of (Hue et al.), 975
Instillation, single intra-amniotic, of prostaglandin $F_{2\alpha}$, midtrimester abortion induced with (Lauersen and Wilson), 210
Intra-amniotic and extra-amniotic injection of sodium chloride solution: Amniotic fluid salinity and abortifacient effect (Gustavii), 218
instillation, single of prostaglandin $F_{2\alpha}$, midtrimester abortion induced with (Lauersen and Wilson), 210
prostaglandin $F_{2\alpha}$, induction of midtrimester abortion with (Corlett and Ballard), 353
pretreatment with laminaria tents before midtrimester abortion with (Stubblefield et al.), 284 (Comm. in brief)
Intrapartum complications, foam stability test, and immaturity, interrelationship of, in respiratory distress syndrome (Thibeault and Hobel), 56
events and anesthesia, association with: Perinatal aspiration syndrome (Leake, Gunther, and Sunshine), 271
Dalkon Shields, laparoscopic removal of: Report of three cases (Merrill, Burd, and VerBurg), 1146 (Comm. in brief)
asphyxia and respiratory movements in fetal goat (Towell and Salvador), 1124
contraceptive device, copper, effects of, on embryo survival, uterine spermicidal activity, and endometrial vascular porosity in ewe (Hawk, Cooper, and Conley), 480
insertion, early postpartum and immediate postabortion (Rosenfield and Castadot), 1104
postabortal, comparative study of safety and efficacy of (Hue et al.), 975
ovarian pregnancy and (Duckman, Suarez, and Tantakesem), 570 (Comm. in brief)
diagnosis of genetic defects, present status of (Burton, Gerbie, and Nadler), 718 (Current developments)
Results, problems, and follow-up of one hundred cases in prenatal genetic detection center (Golbus et al.), 897
evaluation, new method of, by combined use of fetoscopy and ultrasound (Hobbins, Mahoney, and Goldstein), 1069
pressure determination, accurate, development of hydrostatic compensating dual system for (Lima et al.), 1143 (Comm. in brief)
Invasive carcinoma of cervix in pregnancy, surgical management of (Sall, Rini, and Pineda), 1
late, of cervix, incidence and significance of para-aortic lymph node metastases in (Nelson et al.), 749
Irradiation and operation, treatment of carcinoma of cervix by combination of (Churches, Kurrle, and Johnson), 1033
Isoimmune thrombocytopenia, obstetric management of (Mennuti, Schwarz, and Gill), 565 (Comm. in brief)
Isolated fetal hearts, in situ and, in early pregnancy, comparison of spontaneous contraction rates of (Resch et al.), 73
uterine arteries, action of vasopressors on (Van Nimwegen and Dyer), 1099
Items, 158, 442, 747-748, 1016-1032

J

Jaundiced neonates, physiologically, term, preterm, and, ceruloplasmin and alkaline phosphatase levels in cord serum of (Hilderbrand et al.), 950

K

Karman cannula and first-trimester termination of pregnancy (Liu and Hudson), 906
Klippel-Feil anomaly, absent vagina and (Baird and Lowry), 290 (Comm. in brief)

L

Labor, fetal electrocardiogram changes in relation to fetal heart rate patterns during (Pardi et al.), 243
neonate, anxiety, and pregnancy (Burstein, Kinch, and Stern), 195
premature, cardiac output during ritodrine treatment in (Bieniarz, Ivankovich, and Scommegna), 910
use of vacuum extraction in cases of cord prolapse during (Altaras et al.), 824
Laceration of ascending branch of uterine artery: Complication of therapeutic abortion (Lowensohn and Hibbard), 36
Lactation, effect of contraception on (Guiloff et al.), 42
Lag time and variability of fetal heart rate measurements, analysis of (Chik, Rosen, and Hirsch), 237
Laminaria tents, pretreatment with, before mid-trimester abortion with intra-amniotic prostaglandin $F_{2\alpha}$ (Stubblefield et al.), 284 (Comm. in brief)
Laparoscopic removal of intraperitoneal Dalkon Shields: Report of three cases (Merrill, Burd, and VerBurg), 1146 (Comm. in brief)
Law, New York State abortion, changes in pregnancy outcome after liberalization of (Lanman, Kohl, and Bedell), 485
Lecithin and sphingomyelin in amniotic fluid, method for determination of (Morrison and Ruh), 493
ratio and shake test, comparison of, for estimating fetal pulmonary maturity (Goldstein et al.), 1132
Leiomyomas, degenerating uterine, *Clostridium perfringens* septicemia complicating (Kaufmann, Cooper, and Cookson), 877 (Comm. in brief)
Lidocaine, effects of, on heart rate, blood pressure, and electrocorticogram in fetal sheep (Teramo et al.), 935
Litter size in rats, effect of oxytocin antibodies on (Kumaresan), 68
Liver, fetal, ultrastructure of, at term and during prolonged gestation in rat (Thliveris), 864
Lunar phases and days of week, independence of human menstruation on (Pochobradsky), 1136 (Current investigation)
Lung maturation, fetal, acceleration of, following prolonged rupture of membranes (Richardson et al.), 1115
Lupus erythematosus, systemic, pregnancy and azathioprine in (Sharon et al.), 25
Luteectomy, timing of, and incidence of complete abortions, relationship between (Csapo, Pulkkinen, and Kaihola), 985 (Current investigation)
Luteinization parameters, correlation between serum progesterone and some other, II. Serum progesterone in nonpregnant women (Askalani et al.), 1064
Luteinizing hormone release, stimulatory effect of prostaglandins on (Sato et al.), 875 (Comm. in brief)

Luteum function, normal corpus, effect of progesterone and 17-hydroxyprogesterone caproate on (Aksel and Jones), 466
Lymph node metastases, para-aortic, incidence and significance of, in late invasive carcinoma of cervix (Nelson et al.), 749

M

Malignancy (malignancies) of female genital organs, incidence and histopathology of, in United States (Cramer and Cutler), 443
gynecologic, immunologic response in, as demonstrated by delayed hypersensitivity reaction: Clinical correlations (Nalick et al.), 393
recurrent and metastatic gynecologic, evaluation of 6,17α-dimethyl-6-dehydroprogesterone for treatment of (Malkasian et al.), 461
Malignant ovarian tumors, chromosomal analysis in (Sonwalker and Grover), 961
Malnourished black newborn infants, fetally, maternal factors in (Miller and Hassanein), 62
Mammary gland, rat, in organ culture, effects of chlormadinone acetate upon estradiol uptake by (de Pérez Bedés), 1050
Marihuana, chromosome breakage in users of (Stenchever, Kunysz, and Allen), 106
Maternal concerns during pregnancy (Light and Fenster), 46
cortisol, conversion of, to cortisone during placental transfer to human fetus (Murphy et al.), 538
deaths associated with paracervical block anesthesia (Berger, Tyler, and Harrod), 1142 (Comm. in brief)
factors in "fetally malnourished" black newborn infants (Miller and Hassanein), 62
influenza, drug consumption, and congenital defects of central nervous system (Karkinen-Jääskeläinen and Saxén), 815
mortality rates in University College Hospital, Ibadan, Nigeria (Ojo and Savage), 517
protein deprivation and toxemia of pregnancy: Studies in rhesus monkey *(Macaca mulatta)* (Roberts, Hill, and Riopelle), 14
Maturation, fetal lung, acceleration of, following prolonged rupture of membranes (Richardson et al.), 1115
Maturity, fetal pulmonary, comparison of lecithin/sphingomyelin ratio and shake test for estimating (Goldstein et al.), 1132
Meconium during delivery: Sign of compensated fetal distress (Abramovici et al.), 251
Membrane(s), acceleration of fetal lung maturation following prolonged rupture of (Richardson et al.), 1115
thickening, villous basement, and fibrinoid necrosis in normal and abnormal placentas (Sen and Langley), 276
Menstruation, human, independence of, on lunar phases and days of week (Pochobradsky), 1136 (Current investigation)
Metabolism, progesterone, by proliferative and secretory human endometrium (Collins and Jewkes), 179
in vitro, of palmitic acid and glucose in developing tissue of rhesus monkey (Roux and Myers), 385
Metastases, para-aortic lymph node, incidence and significance of, in late invasive carcinoma of cervix (Nelson et al.), 749
vaginal, in endometrial carcinoma (de Mûelenaere), 168
Metastatic gynecologic malignancy, recurrent and, evaluation of 6,17α-dimethyl-6-dehydroprogesterone for treatment of (Malkasian et al.), 461
Microinvasive carcinoma of vulva (Wharton, Gallager, and Rutledge), 159
Midtrimester abortion induced with single intra-amniotic instillation of prostaglandin $F_{2\alpha}$ (Lauersen and Wilson), 210
induction of, with intra-amniotic prostaglandin $F_{2\alpha}$ (Corlett and Ballard), 353
Midtrimester abortion—Cont'd
with intra-amniotic prostaglandin $F_{2\alpha}$, pretreatment with laminaria tents before (Stubblefield et al.) 284 (Comm. in brief)
Migrainous hemiplegia during breast-feeding (Dooling and Sweeney), 568 (Comm. in brief)
Milk-ejecting activity induced by prostaglandin $F_{2\alpha}$ (Cobo, Rodriguez, and De Villamizar), 831
Molar pregnancy, therapeutic abortion, and term delivery, serum chorionic gonadotropin activity after (Pastorfide et al.), 293 (Comm. in brief)
Monitoring, clinical fetal. V. Effect on perinatal outcome (Paul and Hon), 529
electronic fetal, as routine practice in obstetric service: Progress report (Gabert and Stenchever), 534
Morbidity, blood loss and, following vaginal hysterectomy, relationship of age and endometrial histology to (Sprague and van Nagell), 805
Morphologic and histoenzymatic study, quantitative, of endocrine pancreas in nonpregnant and pregnant rats (Van Assche), 39
Mortality rates, maternal, in University College Hospital, Ibadan, Nigeria (Ojo and Savage), 517
Mother(s), alcoholic, infants of (Green), 713 (Current opinion)
and fetus at term, renin-aldosterone system in (Katz, Beck, and Makowski), 51
Muscle bundle, undescribed, of human uterus: Fasciculus cervicoangularis (Toth and Toth), 979
Myometrial response to prostaglandins enhanced by progesterone (Fuchs), 1093

N

Necrosis, fibrinoid, villous basement membrane thickening and, in normal and abnormal placentas (Sen and Langley), 276
Neonate(s), anxiety, pregnancy, and labor (Burstein, Kinch, and Stern), 195
term, preterm, and physiologically jaundiced, ceruloplasmin and alkaline phosphatase levels in cord serum of (Hilderbrand et al.), 950
Nervous system, central, congenital defects of, maternal influenza, drug consumption, and (Karkinen-Jääskeläinen and Saxén), 815
New York State abortion law, changes in pregnancy outcome after liberalization of (Lanman, Kohl, and Bedell), 485
Newborn infant(s), fetally malnourished black, maternal factors in (Miller and Hassanein), 62
placenta, and, in hypertensive conditions (Cibils), 256
Nigeria, Ibadan, maternal mortality rates in University College Hospital (Ojo and Savage), 517
Nitroblue-tetrazolium reduction test in pregnancy (Spirer et al.), 1089
Node metastases, para-aortic lymph, incidence and significance of, in late invasive carcinoma of cervix (Nelson et al.), 749
Norepinephrine, epinephrine, and amniotic fluid. I. Comparison between human and baboon (Zuspan, Behrman, and Paton), 837
Nulliparous women, Dalkon Shield in (Marshall et al.), 186

O

Obstetric(s) and gynecology, new problems in sonar diagnosis in (Donald), 399
in new society (Alment), 592
management of isoimmune thrombocytopenia (Mennuti, Schwarz, and Gill), 565 (Comm. in brief)
premedication and infant outcome (Brackbill et al.), 377
service, electronic fetal monitoring as routine practice in: Progress report (Gabert and Stenchever), 534
Office endometrial biopsies (Kohl and Larson), 406
suction curettage, appraisal of (Maudsley and Johnson), 349
and hospital sampling procedures: Aspiration cytology of endometrium (Isaacs and Wilhoite), 679

Oligohydramnios, pulmonary hypoplasia, and anuria, fetal: Clinicopathologic observations and review of literature (Perlman and Levin), 1119
On-line diagnosis of ominous fetal heart rate patterns: Warning device (Yeh, Jilek, and Hon), 559 (Current investigation)
Oophorectomy, effect of, on circulating testosterone and androstenedione levels in patients with endometrial cancer (Judd, Lucas, and Yen), 793
Operation, hormonal pseudopregnancy and/or, treatment with: Endometriosis (Andrews and Larsen), 643
treatment of carcinoma of cervix by combination of irradiation and (Churches, Kurrle, and Johnson), 1033
Oral contraceptives, polypoid cervicitis in cystic fibrosis patients receiving (Dooley, Braunstein, and Osher), 971
Organ(s) culture, effects of chlormadinone acetate upon estradiol uptake by rat mammary gland in (de Pérez Bedés), 1050
female genital, incidence and histopathology of malignancies of, in United States (Cramer and Cutler), 443
reproductive, of female hamsters exposed to natural photoperiods during winter months, pineal-mediated regression of (Reiter), 878 (Comm. in brief)
Ovarian hyperstimulation syndrome, antihistamine blockade of (Knox), 992 (Current investigation)
pregnancy and intrauterine contraceptive device (Duckman, Suarez, and Tantakesem), 570 (Comm. in brief)
tumors, malignant, chromosomal analysis in (Sonwalker and Grover), 961
vein thrombosis (Berlin), 880 (Comm. in brief)
Ovariectomy and hysterectomy, effect on blood coagulation of, in rats given ethinyl estradiol (MacKenzie et al.), 1041
Ovary, massive edema of (Lupovitch and Shanoski), 291 (Comm. in brief)
serous cystadenocarcinoma of, benign papillary peritoneal cystosis simulating (Jacobson), 575 (Comm. in brief)
Ovulation, basal body temperature, and amines, interaction of, I. Thermogenic alterations in woman (Zuspan and Rao), 671
Oxygenation, uteroplacental and fetal circulation and, effects of hemorrhage on, III. Circulatory shock in pregnant sheep (Brinkman, Mofid, and Assali), 77
Oxytocin antibodies, effect of, on litter size in rats (Kumaresan), 68
challenge test (Christie and Cudmore), 327

P

Palmitic acid and glucose, in vitro metabolism of, in developing tissue of rhesus monkey (Roux and Myers), 385
Pancreas, endocrine, in nonpregnant and pregnant rats, quantitative morphologic and histoenzymatic study of (Van Assche), 39
Papillary peritoneal cystosis, benign, simulating serous cystadenocarcinoma of ovary (Jacobson), 575 (Comm. in brief)
Para-aortic lymph node metastases, incidence and significance of, in late invasive carcinoma of cervix (Nelson et al.), 749
Paracervical block anesthesia, maternal deaths associated with (Berger, Tyler, and Harrod), 1142 (Comm. in brief)
Partum (intra-) events and anesthesia, association with: Perinatal aspiration syndrome (Leake, Gunther, and Sunshine), 271
Parturiphobia (Friedman), 130 (Current opinion)
Parturition, indomethacin block of normal onset of, in primates (Novy, Cook, and Manaugh), 412 (Current investigation)
Passively immunologically sterilized rats, long-term follow-up of (Gusdon), 1145 (Comm. in brief)
"Pathologic" bradycardia, additional observations on (Hon), 428 (Current developments)
Patient satisfaction, expectation fulfillment as measure of (Noyes et al.), 809
Perfringens, Clostridium, septicemia complicating degenerating uterine leiomyomas (Kaufmann, Cooper, and Cookson), 877 (Comm. in brief)
Perfusion, in vitro, of human utero-tubo-ovarian unit (Tojo et al.), 119
Perinatal aspiration syndrome: Association with intrapartum events and anesthesia (Leake, Gunther, and Sunshine), 271
outcome, effect on, V. Clinical fetal monitoring (Paul and Hon), 529
Peritoneal cystosis, benign papillary, simulating serous cystadenocarcinoma of ovary (Jacobson), 575 (Comm. in brief)
Peritonitis, granulomatous, starch glove powders and (Kirshen, Naftolin, and Benirschke), 799
Pessary, fluid-filled, localization of cervix in ultrasonic placentography with use of (Sanders), 566 (Comm. in brief)
Pheochromocytoma in pregnancy: Case report and review of pathophysiology (Batts, Tchilinguirian, and Passmore), 576 (Comm. in brief)
Phosphatase levels, alkaline, ceruloplasmin and, in cord serum of term, preterm, and physiologically jaundiced neonates (Hilderbrand et al.), 950
Phospholipids, amniotic fluid, extrapulmonary source of (Condorelli, Cosmi, and Scarpelli), 842
Photoperiods, natural, during winter months, pineal-mediated regression of reproductive organs of female hamsters exposed to (Reiter), 878 (Comm. in brief)
Pineal-mediated regression of reproductive organs of female hamsters exposed to natural photoperiods during winter months (Reiter), 878 (Comm. in brief)
Placenta(s) of guinea pig and other species, evidence for presence of enzyme in: Choline acetyltransferase in aneural tissue (Welsch), 849
human, studies on. I. Isolation and partial characterization of glycoprotein from chorionic villus (Schwartz, Gang, and Gelfand), 857
and newborn infant in hypertensive conditions (Cibils), 256
normal and abnormal, villous basement membrane thickening and fibrinoid necrosis in (Sen and Langley), 276
Placental connective tissue, antigens associated with toxemia of pregnancy in, I. Toxemia of pregnancy (Vardi and Halbrecht), 552
specific antigen(s), rhesus and squirrel monkey (Behrman et al.), 616
transfer to human fetus, conversion of maternal cortisol to cortisone during (Murphy et al.), 538
Placentography, ultrasonic, localization of cervix in, with use of fluid-filled pessary (Sanders), 566 (Comm. in brief)
Planning, family: Health rationale (Siegel and Morris), 995 (Current opinion)
Plasma proteins, four human pregnancy-associated, characterization of (Lin et al.), 223
unconjugated estrogens, radioimmunoassay for, in normal pregnancy (Cohen and Cohen), 200
Pneumothorax, catamenial (Rogers, Saperstein, and Rosenfeld), 572 (Comm. in brief)
Polyp, giant benign endocervical: Report of case (Lippert, Richart, and Ferenczy), 1140 (Comm. in brief)
Polypoid cervicitis in cystic fibrosis patients receiving oral contraceptives (Dooley, Braunstein, and Osher), 971

Porosity, endometrial vascular, embryo survival and uterine spermicidal activity, effects of copper intrauterine contraceptive device on, in ewe (Hawk, Cooper, and Conley), 480
Postabortal intrauterine contraceptive device insertion, comparative study of safety and efficacy of (Hue et al.), 975
Postmenopausal women, married, endometrial adenocarcinoma and breast cancer in, II. Androgens in breast cancer (Grattarola et al.), 173
Postpartum acute renal failure: Recovery after heparin therapy (Donadio and Holley), 510
early, and immediate postabortion intrauterine contraceptive device insertion (Rosenfield and Castadot), 1104
women, study of occurrence of gonorrhea in (Ahmad and Parrish), 368
Powders, starch glove, and granulomatous peritonitis (Kirshen, Naftolin, and Benirschke), 799
Pre-eclampsia, hematologic assays in (Kitzmiller et al.), 362
Pregnancy-associated plasma proteins, four human, characterization of (Lin et al.), 223
and azathioprine in systemic lupus erythematosus (Sharon et al.), 25
echinococcus discovered during (Semchyshyn), 283 (Comm. in brief)
early, comparison of spontaneous contraction rates of in situ and isolated fetal hearts in (Resch et al.), 73
first-trimester termination of, Karman cannula and (Liu and Hudson), 906
inappropriate renin secretion in (Symonds, Andersen, and Pickles), 6
labor, neonate, and anxiety (Burstein, Kinch, and Stern), 195
maternal concerns during (Light and Fenster), 46
in mice, effects of sodium warfarin administered during (Kronick et al.), 819
molar, therapeutic abortion, and term delivery, serum chorionic gonadotropin activity after (Pastorfide et al.), 293 (Comm. in brief)
nitroblue-tetrazolium reduction test in (Spirer et al.), 1089
normal and abnormal, serum unconjugated estriol in (Cleary and Young), 18
diabetic, and drug-abuse human, content of amniotic fluid prostaglandins in (Singh and Zuspan), 358
radioimmunoassay for plasma unconjugated estrogens in (Cohen and Cohen), 200
outcome, changes in, after liberalization of New York State abortion law (Lanman, Kohl, and Bedell), 485
ovarian, and intrauterine contraceptive device (Duckman, Suarez, and Tantakesem), 570 (Comm. in brief)
pheochromocytoma in: Case report and review of pathophysiology (Batts, Tchilinguirian, and Passmore), 576 (Comm. in brief)
in sickle-cell anemia in Caucasian group (Perrine and John), 29
surgical management of invasive carcinoma of cervix in (Sall, Rini, and Pineda), 1
teenage (Dwyer), 373
toxemia of. I. Antigens associated with toxemia of pregnancy in placental connective tissue (Vardi and Halbrecht), 552
maternal protein deprivation and: Studies in rhesus monkey *(Macaca mulatta)* (Roberts, Hill, and Riopelle), 14
Pregnanediol excretion, urinary, comparative study of serum progesterone concentration and, I. Serum progesterone in nonpregnant women (Askalani et al.), 1054
Pregnant baboon, effects of diazoxide and beta adrenergic drugs on spontaneous and induced uterine activity in (Wilson et al.), 499
(non-) and pregnant rats, quantitative morphologic and histoenzymatic study of endocrine pancreas in (Van Assche), 39
uterine vascular bed, pressure-flow relationship in (Greiss and Anderson), 763
women, serum progesterone in. I. Comparative study of serum progesterone concentration and urinary pregnanediol excretion (Askalani et al.), 1054
II. Correlation between serum progesterone and some other luteinization parameters (Askalani et al.), 1064
sheep, circulatory shock in. III. Effects of hemorrhage on uteroplacental and fetal circulation and oxygenation (Brinkman, Mofid, and Assali), 77
Premature labor, cardiac output during ritodrine treatment in (Bieniarz, Ivankovich, and Scommegna), 910
Premedication, obstetric, and infant outcome (Brackbill et al.), 377
Prenatal genetic detection center, results, problems, and follow-up of one hundred cases in: Intrauterine diagnosis of genetic defects (Golbus et al.), 897
Pressure, blood, electrocorticogram, and heart rate, effects of lidocaine on, in fetal sheep (Teramo et al.), 935
determination, accurate intrauterine, development of hydrostatic compensating dual system for (Lima et al.), 1143 (Comm. in brief)
-flow relationship in nonpregnant uterine vascular bed (Greiss and Anderson), 763
Preterm, term, and physiologically jaundiced neonates, ceruloplasmin and alkaline phosphatase levels in cord serum of (Hilderbrand et al.), 950
Previable fetus, human, measurement of fetoplacental blood volume in (Morris et al.), 927
Progesterone and 17-hydroxyprogesterone caproate, effect of, on normal corpus luteum function (Aksel and Jones), 466
local, effects of, on stilbestrol-associated vaginal adenosis (Herbst et al.), 607
metabolism by proliferative and secretory human endometrium (Collins and Jewkes), 179
myometrial response to prostaglandins enhanced by (Fuchs), 1093
serum, in nonpregnant women. I. Comparative study of serum progesterone concentration and urinary pregnanediol excretion (Askalani et al.), 1054
II. Correlation between serum progesterone and some other luteinization parameters (Askalani et al.), 1064
Prolactin physiology, human, and its diagnostic and therapeutic applications, current understanding of: Review (Fournier, Desjardins, and Friesen), 337
secretion in sixty-five patients with galactorrhea (Tolis et al.), 91
Prolapse, cord, during labor, use of vacuum extraction in cases of (Altaras et al.), 824
Proliferative and secretory human endometrium, progesterone metabolism by (Collins and Jewkes), 179
Prolonged gestation, ultrastructure of fetal liver at term and during, in rat (Thliveris), 864
rupture of membranes, acceleration of fetal lung maturation following (Richardson et al.), 1115
Prostaglandin(s), amniotic fluid, content of, in normal, diabetic, and drug-abuse human pregnancy (Singh and Zuspan), 358
$F_{2\alpha}$, efficacy of, in second-trimester abortion (Dillon et al.), 688
intra-amniotic, induction of midtrimester abortion with (Corlett and Ballard), 353
pretreatment with laminaria tents before midtrimester abortion with (Stubblefield et al.), 284 (Comm. in brief)
midtrimester abortion induced with single intra-amniotic instillation of (Lauersen and Wilson), 210

Prostaglandin(s) $F_{2\alpha}$—Cont'd
milk-ejecting activity induced by (Cobo, Rodriguez, and De Villamizar), 831
myometrial response to, enhanced by progesterone (Fuchs), 1093
stimulatory effect of, on luteinizing hormone release (Sato et al.), 875 (Comm. in brief)
Protein(s) deprivation, maternal, and toxemia of pregnancy: Studies in rhesus monkey *(Macaca mulatta)* (Roberts, Hill, and Riopelle), 14
four human pregnancy-associated plasma, characterization of (Lin et al.), 223
Pseudopregnancy, hormonal, and/or operation, treatment with: Endometriosis (Andrews and Larsen), 643
Psychogenic factors and weight loss, retrospective evaluation of etiology with special regard to, II. Epidemiology of secondary amenorrhea (Fries, Nillius, and Pettersson), 473
Psychological reactions to hysterectomy: Critical review (Polivy), 417 (Current opinion)
Puberal virilization, incomplete testicular feminization syndrome with (Himathongkam et al.), 288 (Comm. in brief)
Published articles, summary of analysis of (Editorial), 583
Pulmonary (extra-) source of amniotic fluid phospholipids (Condorelli, Cosmi, and Scarpelli), 842
hypoplasia, anuria, and oligohydramnios, fetal: Clinicopathologic observations and review of literature (Perlman and Levin), 1119
maturity, fetal, comparison of lecithin/sphingomyelin ratio and shake test for estimating (Goldstein et al.), 1132

Q

Quantitative morphologic and histoenzymatic study of endocrine pancreas in nonpregnant and pregnant rats (Van Assche), 39

R

Radiation therapy for cervical cancer, small bowel injury following (van Nagell et al.), 163
Radioimmunoassay for plasma unconjugated estrogens in normal pregnancy (Cohen and Cohen), 200
simple, for testosterone (Lox, Christian, and Heine), 114
Rate(s), heart, blood pressure, and electrocorticogram, effects of lidocaine on, in fetal sheep (Teramo et al.), 935
measurements, fetal heart, analysis of lag time and variability of (Chik, Rosen, and Hirsch), 237
patterns, fetal heart, during labor, fetal electrocardiogram changes in relation to (Pardi et al.), 243
spontaneous contraction, of in situ and isolated fetal hearts in early pregnancy, comparison of (Resch et al.), 73
Ratio, lecithin/sphingomyelin, and shake test, comparison of, for estimating fetal pulmonary maturity (Goldstein et al.), 1132
Reaction, delayed hypersensitivity, immunologic response in gynecologic malignancy as demonstrated by: Clinical correlations (Nalick et al.), 393
Recurrent and metastatic gynecologic malignancy, evaluation of 6,17α-dimethyl-6-dehydroprogesterone for treatment of (Malkasian et al.), 461
Renal failure, acute, in obstetrics (Harkins, Wilson, and Muggah), 331
postpartum acute: Recovery after heparin therapy (Donadio and Holley), 510
Renin-aldosterone system in mother and fetus at term (Katz, Beck, and Makowski), 51
secretion, inappropriate, in pregnancy (Symonds, Andersen, and Pickles), 6
Reproductive organs of female hamsters exposed to natural photoperiods during winter months, pineal-mediated regression of (Reiter), 878 (Comm. in brief)
Respiratory distress syndrome, interrelationship of foam stability test, immaturity, and intrapartum complications in (Thibeault and Hobel), 56
movements, intrauterine asphyxia and, in fetal goat (Towell and Salvador), 1124
Retrieval system, new computerized, multidisciplined, multihospital, storage and, for patient discharge summaries (Neches, Pomerance, and Moltz), 137 (Current developments)
Ritodrine hydrochloride, effects of, on uterine activity and cardiovascular system (Nochimson et al.), 523
treatment, cardiac output during, in premature labor (Bieniarz, Ivankovich, and Scommegna), 910
Roster of American obstetrical and gynecological societies, 154
Rupture, prolonged, of membranes, acceleration of fetal lung maturation following (Richardson et al.), 1115

S

Saline, hypertonic, subclinical coagulopathy following amnioinfusion with (Shaw and Ballard), 1081
Salinity, amniotic fluid, and abortifacient effect: Intra-amniotic and extra-amniotic injection of sodium chloride solution (Gustavii), 218
Sampling procedures, office and hospital: Aspiration cytology of endometrium (Isaacs and Wilhoite), 679
Satisfaction, patient, expectation fulfillment as measure of (Noyes et al.), 809
Screening, comprehensive cytologic, in patients undergoing voluntary abortions (Calanog et al.), 102
Second-trimester abortion, efficacy of prostaglandin $F_{2\alpha}$ in (Dillon et al.), 688
Secondary amenorrhea, epidemiology of, II. Retrospective evaluation of etiology with special regard to psychogenic factors and weight loss (Fries, Nillius, and Pettersson), 473
Secretion, inappropriate renin, in pregnancy (Symonds, Andersen, and Pickles), 6
prolactin, in sixty-five patients with galactorrhea (Tolis et al.), 91
Secretory human endometrium, proliferative and, progesterone metabolism by (Collins and Jewkes), 179
Septicemia, *Clostridium perfringens*, complicating degenerating uterine leiomyomas (Kaufmann, Cooper, and Cookson), 877 (Comm. in brief)
Serous cystadenocarcinoma of ovary, benign papillary peritoneal cystosis simulating (Jacobson), 575 (Comm. in brief)
Serum chorionic gonadotropin activity after molar pregnancy, therapeutic abortion, and term delivery (Pastorfide et al.), 293 (Comm. in brief)
cord, of term, preterm, and physiologically jaundiced neonates, ceruloplasmin and alkaline phosphatase levels in (Hilderbrand et al.), 950
initial detection of human chorionic gonadotropin in, in normal human gestation (Mishell et al.), 990 (Current investigation)
progesterone in nonpregnant women. I. Comparative study of serum progesterone concentration and urinary pregnanediol excretion (Askalani et al.), 1054
II. Correlation between serum progesterone and some other luteinization parameters (Askalani et al.), 1064
unconjugated estriol in normal and abnormal pregnancy (Cleary and Young), 18
Sex hormone–binding globulin in amniotic fluid, further characterization of (Caputo and Hosty), 496
Shake test, comparison of lecithin/sphingomyelin ratio and, for estimating fetal pulmonary maturity (Goldstein et al.), 1132
Shield(s), Dalkon, in nulliparous women (Marshall et al.), 186
intraperitoneal Dalkon, laparoscopic removal of: Report of three cases (Merrill, Burd, and VerBurg), 1146 (Comm. in brief)

Shock, circulatory, in pregnant sheep. III. Effects of hemorrhage on uteroplacental and fetal circulation and oxygenation (Brinkman, Mofid, and Assali), 77
Sickle-cell anemia in Caucasian group, pregnancy in (Perrine and John), 29
Situ, in, and isolated fetal hearts in early pregnancy, comparison of spontaneous contraction rates of (Resch et al.), 73
Size, litter, in rats, effect of oxytocin antibodies on (Kumaresan), 68
Small bowel injury following radiation therapy for cervical cancer (van Nagell et al.), 163
Society, new, obstetrics and gynecology in (Alment), 592
of Obstetricians and Gynaecologists of Canada, transactions, twenty-ninth annual meeting, 299-352
Sodium chloride solution, intra-amniotic and extra-amniotic injection of: Amniotic fluid salinity and abortifacient effect (Gustavii), 218
warfarin, effects of, administered during pregnancy in mice (Kronick et al.), 819
Solution, sodium chloride, intra-amniotic and extra-amniotic injection of: Amniotic fluid salinity and abortifacient effect (Gustavii), 218
Sonar diagnosis in obstetrics and gynecology, new problems in (Donald), 299
Specialty, dean looks at (Pearse), 757
Spermatozoa, survival and aging of: Review (Vander Vliet and Hafez), 1006 (Current developments)
Spermicidal activity, uterine, endometrial vascular porosity, and embryo survival, effects of copper intrauterine contraceptive device on, in ewe (Hawk, Cooper, and Conley), 480
Sphingomyelin, lecithin and, in amniotic fluid, method for determination of (Morrison and Ruh), 493
ratio and shake test, comparison of, for estimating fetal pulmonary maturity (Goldstein et al.), 1132
Spontaneous abortuses and stillbirths, use of, in genetic counseling (Poland and Lowry), 322
contraction rates of in situ and isolated fetal hearts in early pregnancy, comparison of (Resch et al.), 73
Stability test, foam, immaturity, and intrapartum complications, interrelationship of, in respiratory distress syndrome (Thibeault and Hobel), 56
Starch glove powders and granulomatous peritonitis (Kirshen, Naftolin, and Benirschke), 799
Sterilization, therapeutic abortion and, by vaginal hysterectomy (Ballard), 891
Sterilized rats, passively immunologically, long-term follow-up of (Gusdon), 1145 (Comm. in brief)
Stilbestrol-associated vaginal adenosis, effects of local progesterone on (Herbst et al.), 607
Stillbirths, spontaneous abortuses and, use of, in genetic counseling (Poland and Lowry), 322
Storage and retrieval system, new computerized, multidisciplined, multihospital, for patient discharge summaries (Neches, Pomerance, and Moltz), 137 (Current developments)
Students, white unmarried university, contraceptive practices of: Significance of four years at one university (Bauman and Wilson), 190
Suction curettage, office endometrial, appraisal of (Maudsley and Johnson), 349
Summaries, patient discharge, new computerized, multidisciplined, multihospital storage and retrieval system for (Neches, Pomerance, and Moltz), 137 (Current developments)
Surgical management of invasive carcinoma of cervix in pregnancy (Sall, Rini, and Pineda), 1
Survival and aging of spermatozoa: Review (Vander Vliet and Hafez), 1006 (Current developments)
Syndrome, galactorrhea-amenorrhea, associated with heroin addiction (Pelosi et al.), 966
incomplete testicular feminization, with puberal virilization (Himathongkam et al.), 288 (Comm. in brief)
Syndrome—Cont'd
ovarian hyperstimulation, antihistamine blockade of (Knox), 992 (Current investigation)
perinatal aspiration: Association with intrapartum events and anesthesia (Leake, Gunther, and Sunshine), 271
respiratory distress, interrelationship of foam stability test, immaturity, and intrapartum complications in (Thibeault and Hobel), 56
System, hydrostatic compensating dual, development of, for accurate intrauterine pressure determination (Lima et al.), 1143 (Comm. in brief)
new computerized, multidisciplined, multihospital, storage and retrieval, for patient discharge summaries (Neches, Pomerance, and Moltz), 137 (Current developments
renin-aldosterone, in mother and fetus at term (Katz, Beck, and Makowski), 51
Systemic lupus erythematosus, pregnancy and azathioprine in (Sharon et al.), 25

T

Teenage pregnancy (Dwyer), 373
Temperature, basal body, amines, and ovulation, interaction of, I. Thermogenic alterations in woman (Zuspan and Rao), 671
Tents, laminaria, pretreatment with, before mid-trimester abortion with intra-amniotic prostaglandin $F_{2\alpha}$ (Stubblefield et al.), 284 (Comm. in brief)
Term delivery, molar pregnancy, and therapeutic abortion, serum chorionic gonadotropin activity after (Pastorfide et al.), 293 (Comm. in brief)
mother and fetus at, renin-aldosterone system in (Katz, Beck, and Makowski), 51
preterm, and physiologically jaundiced neonates, ceruloplasmin and alkaline phosphatase levels in cord serum of (Hilderbrand et al.), 950
ultrastructure of fetal liver at, and during prolonged gestation in rat (Thliveris) 864
Termination, first-trimester, of pregnancy, Karman cannula and (Liu and Hudson), 906
Test, foam stability, immaturity, and intrapartum complications, interrelationship of, in respiratory distress syndrome (Thibeault and Hobel), 56
nitroblue-tetrazolium reduction, in pregnancy (Spirer et al.), 1089
oxytocin challenge (Christie and Cudmore), 327
shake, comparison of lecithin/sphingomyelin ratio and, for estimating fetal pulmonary maturity (Goldstein et al.), 1132
Testicular feminization syndrome, incomplete, with puberal virilization (Himathongkam et al.), 288 (Comm. in brief)
Testosterone and androstenedione levels, circulating effect of oophorectomy on, in patients with endometrial cancer (Judd, Lucas, and Yen), 793
simple radioimmunoassay for (Lox, Christian, and Heine), 114
Tetrazolium, nitroblue-, reduction test in pregnancy (Spirer et al.), 1089
Thanatophoric dwarf, unexplained hydramnios associated with (Goodlin and Lowe), 873 (Comm. in brief)
Therapeutic abortion, complication of: Laceration of ascending uterine artery (Lowensohn and Hibbard), 36
early and late complications after (Glenc), 34
and sterilization by vaginal hysterectomy (Ballard), 891
term delivery, and molar pregnancy, serum chorionic gonadotropin activity after (Pastorfide et al.), 293 (Comm. in brief)
applications, its diagnostic and, human prolactin physiology and, current understanding of: Review (Fournier, Desjardins, and Friesen), 337

Thermogenic alterations in woman. I. Interaction of amines, ovulation, and basal body temperature (Zuspan and Rao), 671
Thrombocytopenia, isoimmune, obstetric management of (Mennuti, Schwarz, and Gill), 565 (Comm. in brief)
Thrombosis, ovarian vein (Berlin), 880 (Comm. in brief)
Tissue, aneural, choline acetyltransferase in: Evidence for presence of enzyme in placenta of guinea pig and other species (Welsch), 849
developing, of rhesus monkey, in vitro metabolism of palmitic acid and glucose in (Roux and Myers), 385
placental connective, antigens associated with toxemia of pregnancy in, I. Toxemia of pregnancy (Vardi and Halbrecht), 552
Today and tomorrow (Wilson), 584
Tomorrow, today and (Wilson), 584
Toxemia of pregnancy. I. Antigens associated with toxemia of pregnancy in placental connective tissue (Vardi and Halbrecht), 552
maternal protein deprivation and: Studies in rhesus monkey *(Macaca mulatta)* (Roberts, Hill, and Riopelle), 14
Transactions, eighty-fourth annual meeting, American Association of Obstetricians and Gynecologists, 584-712, 749-782
twenty-ninth annual meeting, Society of Obstetricians and Gynaecologists of Canada, 299-352
Trimester, first-, termination of pregnancy, Karman cannula and (Liu and Hudson), 906
(mid-) abortion induced with single intra-amniotic instillation of prostaglandin $F_{2\alpha}$ (Lauersen and Wilson), 210
induction of, with intra-amniotic prostaglandin $F_{2\alpha}$ (Corlett and Ballard), 353
with intra-amniotic prostaglandin $F_{2\alpha}$, pretreatment with laminaria tents before (Stubblefield et al.), 284 (Comm. in brief)
second-, abortion, efficacy of prostaglandin $F_{2\alpha}$ in (Dillon et al.), 688
Tumors, malignant ovarian, chromosomal analysis in (Sonwalker and Grover), 961

U

Ultrasonic placentography, localization of cervix in, with use of fluid-filled pessary (Sanders), 566 (Comm. in brief)
Ultrasound, new method of intrauterine evaluation by combined use of fetoscopy and (Hobbins, Mahoney, and Goldstein), 1069
Unconjugated estriol, serum, in normal and abnormal pregnancy (Cleary and Young), 18
estrogens, plasma, radioimmunoassay for, in normal pregnancy (Cohen and Cohen), 200
United States, incidence and histopathology of malignancies of female genital organs in (Cramer and Cutler), 443
University students, white unmarried, contraceptive practices of: Significance of four years at one university (Bauman and Wilson), 190
Urinary pregnanediol excretion, comparative study of serum progesterone concentration and, I. Serum progesterone in nonpregnant women (Askalani et al.), 1054
Uterine activity and cardiovascular system, effects of ritodrine hydrochloride on (Nochimson et al.), 523
spontaneous and induced, in pregnant baboon, effects of diazoxide and beta adrenergic drugs on (Wilson et al.), 499
artery (arteries), isolated, action of vasopressors on (Van Nimwegen and Dyer), 1099
laceration of ascending branch of: Complication of therapeutic abortion (Lowensohn and Hibbard), 36
Uterine—Cont'd
cervix, adenocarcinoma of (Tasker and Collins), 344
leiomyomas, degenerating, *Clostridium perfringens* septicemia complicating (Kaufmann, Cooper, and Cookson), 877 (Comm. in brief)
spermicidal activity, endometrial vascular porosity, and embryo survival, effects of copper intrauterine contraceptive device on, in ewe (Hawk, Cooper, and Conley), 480
vascular bed: Effects of acute hyperoxia (Greiss, Anderson, and King), 542
nonpregnant, pressure-flow relationship in (Greiss and Anderson), 763
Uteroplacental and fetal circulation and oxygenation, effects of hemorrhage on, III. Circulatory shock in pregnant sheep (Brinkman, Mofid, and Assali), 77
Utero-tubo-ovarian unit, human, in vitro perfusion of (Tojo et al.), 119
Uterus, human, undescribed muscle bundle of: Fasciculus cervicoangularis (Toth and Toth), 979

V

Vacuum extraction, use of, in cases of cord prolapse during labor (Altaras et al.), 824
Vagina, absent, and Klippel-Feil anomaly (Baird and Lowry), 290 (Comm. in brief)
Vaginal adenosis, stilbestrol-associated, effects of local progesterone on (Herbst et al.), 607
hysterectomy, relationship of age and endometrial histology to blood loss and morbidity following (Sprague and van Nagell), 805
therapeutic abortion and sterilization by (Ballard), 891
metastases in endometrial carcinoma (de Mûelenaere), 168
Vascular bed, nonpregnant uterine, pressure-flow relationship in (Greiss and Anderson), 763
uterine: Effects of acute hyperoxia (Greiss, Anderson, and King), 542
porosity, endometrial, embryo survival and uterine spermicidal activity, effects of copper intrauterine contraceptive device on, in ewe (Hawk, Cooper, and Conley), 480
Vasopressors, action of, on isolated uterine arteries (Van Nimwegen and Dyer), 1099
Vein thrombosis, ovarian (Berlin), 880 (Comm. in brief)
Villous basement membrane thickening and fibrinoid necrosis in normal and abnormal placentas (Sen and Langley), 276
Villus, chorionic, isolation and partial characterization of glycoprotein from, I. Studies on human placenta (Schwartz, Gang, and Gelfand), 857
Viral studies, in vitro, of cells grown from human amniotic fluid samples (Wilfert and Gradoville), 1073
Virilization, puberal, incomplete testicular feminization syndrome with (Himathongkam et al.), 288 (Comm. in brief)
Voluntary abortions, comprehensive cytologic screening in patients undergoing (Calanog et al.), 102
Vulva, microinvasive carcinoma of (Wharton, Gallager, and Rutledge), 159

W

Warfarin, sodium, effects of, administered during pregnancy in mice (Kronick et al.), 819
Weight loss, retrospective evaluation of etiology with special regard to psychogenic factors and, II. Epidemiology of secondary amenorrhea (Fries, Nillius, and Pettersson), 473
White unmarried university students, contraceptive practices of: Significance of four years at one university (Bauman and Wilson), 190
Winter months, pineal-mediated regression of reproductive organs of female hamsters exposed to natural photoperiods during (Reiter), 878 (Comm. in brief)

Editors

JOHN I. BREWER, *Editor in Chief*

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, *Editors*

ALBERT B. GERBIE, *Associate Editor*

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, *Editors Emeritus*

Advisory committee on policy

John L. M. Bean
Melvin W. Breese
Tommy N. Evans
Clifford P. Goplerud
T. Terry Hayashi
Robert B. Jaffe
John Van S. Maeck
A. Cullen Richardson
J. Donald Woodruff
Samuel S. C. Yen

Board of corresponding editors

Oscar Aguero, *Caracas*
Fritz Beller, *Muenster/Westf.*
Sir Norman Jeffcoate, *Liverpool*
Takashi Kobayashi, *Tokyo*
Parvati K. Malkani, *New Delhi*
Jean Snoeck, *Brussels*

Volume 119
May-August, 1974
The C. V. Mosby Company
St. Louis
1974

in addition to those listed on the front cover
the Journal is the official publication
of the following societies

NEW YORK OBSTETRICAL SOCIETY
OBSTETRICAL SOCIETY OF PHILADELPHIA
BROOKLYN GYNECOLOGICAL SOCIETY
ST. LOUIS GYNECOLOGICAL SOCIETY
NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY
THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND
CHICAGO GYNECOLOGICAL SOCIETY
CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY
WASHINGTON GYNECOLOGICAL SOCIETY
PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
BOSTON OBSTETRICAL SOCIETY
LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SEATTLE GYNECOLOGICAL SOCIETY
ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY
KANSAS CITY GYNECOLOGICAL SOCIETY
CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS
NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY
THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
NEW YORK GYNECOLOGICAL SOCIETY
PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION
BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SAN FRANCISCO GYNECOLOGICAL SOCIETY

***Volume* 119**
Copyright © 1974 by The C. V. Mosby Company
(All rights reserved)

Printed in the United States of America

Index to volume 119

Author index*

A

ABITBOL, M. MAURICE, AND DAVENPORT, JAMES H. Sexual dysfunction after therapy for cervical carcinoma, 181

ABRAMS, ROBERT M. (*see* CLAPP ET AL.), 919

ACOSTA, A. A. (*see* DIXON, ACOSTA, AND YOUNG), 855

ADAMSONS, K. (*see* MYERS ET AL.), 877

— (*see* SUZUKI ET AL.), 253

ALAM, NARGIS A., CLARY, P., SHADE, ALLEN R., AND RUSSELL, P. T. Absence of prostaglandin E_1 metabolism in hydatidiform mole, 1131 (Comm. in brief)

ALLEN, JEFFREY, ELDRIDGE, ROSWELL, AND KOERBER, THELMA. Acoustic neuroma in the last months of pregnancy, 516

ALTHABE, OMAR (*see* ARCHIMAUT ET AL.), 596

AMBRUS, JULIAN L. (*see* MINK ET AL.), 401

ANANDARANGAM, P. B. (*see* KUMARESAN ET AL.), 215

ANGES, I. G., AND POMERANTZ, SEYMOUR H. Serum concentrations of β-melanocyte–stimulating hormone in human pregnancy, 1062

ANDERSON, STEPHEN G., AND HACKSHAW, BARRY T. The effect of estrogen on uterine blood flow and its distribution in nonpregnant ewes, 589

AONO, TOSHIHIRO, MINAGAWA, JUNNOSUKE, KINUGASA, TAKAYUKI, MIYAKE, AKIRA, AND KURACHI, KEIICHI. The diagnostic significance of LH-releasing hormone test in patients with amenorrhea, 740

ARCE, JUAN J. (*see* FREEMAN ET AL.), 239

— (*see* GOEBELSMANN ET AL.), 445

ARCHER, DAVID F., NANKIN, HOWARD R., GABOS, PAUL F., MARGON, JOSEPH, NOSETZ, STEVEN, WADHWA, SAROJ R., AND JOSIMOVICH, JOHN B. Serum prolactin in patients with inappropriate lactation, 466

ARCHIMAUT, GASTÓN, BELIZÁN, JOSÉ MIGUEL, ROSS, NEWTON A., AND ALTHABE, OMAR. Glucose concentration in amniotic fluid: Its possible significance in diabetic pregnancy, 596

ATIENZA, MILAGROS F. (*see* BURKMAN ET AL.), 131

AUERBACH, J. (*see* MUKHERJEE ET AL.), 648

AUSTIN, STEPHEN D. (*see* SANDMIRE AND AUSTIN), 82

AVERY, MARY ELLEN (*see* WYSZOGRODSKI, TAEUSCH, AND AVERY), 1107

AWAN, A. K. Some biologic correlates of pregnancy wastage, 525

B

BAIN, A. D. (*see* BUTTERWORTH ET AL.), 821

BALLARD, CHARLES A. (*see* LOWENSOHN AND BALLARD), 1057

BANSAL, B. C., PRAKASH, C., GUPTA, R. R., AND BRAHMANANDAM, K. R. V. Study of serum lipid and blood fibrinolytic activity in cases of cerebral venous/venous sinus thrombosis during the puerperium, 1079

BARNAFI, LIVIO (*see* ESPINOZA, BARNAFI, AND SCHNAIDT), 234

BARRON, DONALD H. (*see* CLAPP ET AL.), 919

BATEMAN, BRUCE G. (*see* FREEMAN ET AL.), 239

BAUDRY, FRANCIS, AND WIENER, ALFRED. The pregnant patient in conflict about abortion: A challenge for the obstetrician, 705 (Current opinion)

BAZLEY, WILLIAM S., AND CRISP, WILLIAM E. Postpartum hysterectomy for sterilization, 139

BEGUIN, F., DUNNIHOO, D. R., AND QUILLIGAN, E. J. Effect of carbon dioxide elevation on renal blood flow in the fetal lamb in utero, 630

BELIZÁN, JOSÉ MIGUEL (*see* ARCHIMAUT ET AL.), 596

BENIRSCHKE, KURT (*see* LUCAS, BENIRSCHKE, AND LEBHERZ), 435

BENNETT, A. D. (*see* MUENZER ET AL.), 31

BENTON, JOHN W., JR. (*see* DWECK ET AL.), 811

BENZIE, R. J., DORAN, T. A., HARKINS, J. L., JONES OWEN, V. M., AND PORTER, C. J. Composition of the amniotic fluid and maternal serum in pregnancy, 798

— (*see* DORAN ET AL.), 829

BERGER, GARY S. (*see* EDELMAN, BRENNER, AND BERGER), 473

BIRK, S. A. (*see* SPELLACY ET AL.), 266

BLAKENEY, PATRICIA (*see* POWELL ET AL.), 89

BLANCHIER, H. (*see* JOLIVET, BLANCHIER, AND GAUTRAY), 775

BOEHM, FRANK H., DIPIETRO, DAVID L., AND GOSS, DONALD A. The effect of ampicillin administration on urinary estriol and serum estradiol in the normal pregnant patient, 98

BOLOGNESE, RONALD J. (*see* MEROLA ET AL.), 243

BOYCE, CHARLES R., AND MEHRAM, ALI HADINEJAD. Management of vulvar malignancies, 48

BRAHMANANDAM, K. R. V. (*see* BANSAL ET AL.), 1079

BRENNER, WILLIAM E. (*see* EDELMAN, BRENNER, AND BERGER), 473

— (*see* EDELMAN ET AL.), 521

BRILL, A. BERTRAND (*see* MANSOUR ET AL.), 557

BROADHEAD, D. M. (*see* BUTTERWORTH ET AL.), 821

BROOKS, G. GARY (*see* GERSHANIK, BROOKS, AND LITTLE), 508

BROWN, BARRY (*see* COPPLESON AND BROWN), 953

BRUMLEY, GEORGE W. (*see* MORRISS AND BRUMLEY), 988

BUHI, W. C. (*see* SPELLACY ET AL.), 266

BURKMAN, RONALD T., KING, THEODORE M., BURNETT, LONNIE S., AND ATIENZA, MILAGROS F. University abortion programs: One year later, 131 (Current opinion)

BURNETT, LONNIE S. (*see* BURKMAN ET AL.), 131

BUTTERWORTH, J., BROADHEAD, D. M., SUTHERLAND, G. R., AND BAIN, A. D. Lysosomal enzymes of amniotic fluid in relation to gestational age, 821

C

CAHILL, J., COHEN, H., AND STARKOVSKY, N. A rapid screening test for detection of alpha-l fetoprotein as an indicator of fetal distress, 1095

CALAMERA, JUAN CAYETANO, NICHOLSON, ROBERTO, AND PROCACCINI, JUAN CARLOS. Detection of a diesterase in endometrial material from normal women, 411 (Current investigation)

CANALES, ELÍAS S. (*see* ZÁRATE ET AL.), 971

CARBALLO, OLGA (*see* ZÁRATE ET AL.), 971

CARTER, EDWARD R., GOODMAN, LEONA V., DEHAAN, RAY M., AND SOBOTA, JOSEPH T. Serum oxytocinase levels, 76

CASSADY, GEORGE (*see* DWECK ET AL.), 811

*May 1, 1-138; May 15, 139-276; June 1, 277-434; June 15, 435-576; July 1, 577-726; July 15, 727-866; August 1, 867-1012; August 15, 1013-1166.

Casthely, Sosthene, Maheswaran, Chellappah, and Levy, Julio. Laparoscopy: An important tool in the diagnosis of Rokitansky-Küster-Hauser syndrome, 571 (Comm. in brief)
Caton, Donald (*see* Clapp et al.), 919
Cederqvist, Lars L., and Fuchs, Fritz. Cervical perforation by the Copper T intrauterine contraceptive device, 854 (Comm. in brief)
Chik, Lawrence, Rosen, Mortimer, Hirsch, Victor J., and Sokol, Robert J. Programmed identification of fetal heart rate deceleration patterns, 816
— (*see* Sokol et al.), 767
Child, Peter (*see* Edelman et al.), 521
Christian, C. D. Maternal deaths associated with an intrauterine device, 441
Clapp, James F., III, Abrams, Robert M., Caton, Donald, Cotter, Julian R., James, Geoffrey B., and Barron, Donald H. Umbilical blood flow in late gestation: A comparison of simultaneous measurements with two different techniques, 919
Clary, P. (*see* Alam et al.), 1131
Cloutier, Diogene (*see* Rioux and Cloutier), 737
Cohen, H. (*see* Cahill, Cohen, and Starkovsky), 1095
Cohen, William N. (*see* White, Cohen, and Taube), 111
Comas, A. (*see* Myers et al.), 877
Comas-Urrutia, Arsenio C. (*see* Suzuki et al.), 253
Cooper, Donna (*see* Roy, Cooper, and Mishell), 414
Coppleson, L. W., and Brown, Barry. Estimation of the screening error rate from the observed detection rates in repeated cervical cytology, 953
Corson, Stephen L. (*see* Merola et al.), 243
Cotter, Julian R. (*see* Clapp et al.), 919
Coudert, Serge P., Winter, Jeremy S. D., and Faiman, Charles. Transient decline in serum progesterone levels during prostaglandin $F_{2\alpha}$ infusion in the midluteal phase of the normal human menstrual cycle, 755
Courey, Norman G. (*see* Mink et al.), 401
— (*see* Montaldi et al.), 1130
Crisp, William E. (*see* Bazley and Crisp), 139
Croft, Harry (*see* Powell et al.), 89
Crosby, Warren M. (*see* Worley and Crosby), 150

D

Dabancens, Alfredo, Prado, Rodrigo, Larraguibel, Raul, and Zañartu, Juan. Intraepithelial cervical neoplasia in women using intrauterine devices and long-acting injectable progestogens as contraceptives, 1052
Dacalos, Emilia (*see* Lane et al.), 693
Davenport, James H. (*see* Asitbol and Davenport), 181
Davies, Jack (*see* Mansour et al.), 557
Davis, Geoffrey L. R. (*see* Edelman et al.), 521
Daw, E. Hyperextension of the head in breech presentation, 564 (Comm. in brief)
Dawood, M. Yusoff. Progesterone concentrations in the sera of patients with intact and aborted hydatidiform moles, 911
—, Ratnam, S. S., and Teoh, Eng Soon. Serum estradiol-17β and serum human chorionic gonadotropin in patients with hydatidiform moles, 904
Dean, Robert E., Taylor, E. Stewart, Weisbrod, Dennis M., and Martin, John W. The treatment of premalignant and malignant lesions of the vulva, 59
DeChatelet, Larry R. (*see* Gubdon et al.), 543
Decker, David G. Return to Epidaurus, 1
DeGiorgi, Lucio S. (*see* Silverberg and DeGiorgi), 698
DeHaan, Ray M. (*see* Carter et al.), 76
De Jesus, Tan Peck Siu K. (*see* Rothbard and De Jesus), 924
Dhem, Nicole (*see* Jolivet, Blanchier, and Gautray), 775
Dianzon, W. (*see* Kumaresan et al.), 215
Dibona, Douglas D., and Knab, Douglas R. Use of the Gravlee Jet Washer in routine screening of asymptomatic postmenopausal women, 681
Diczfalusy, Egon. Endocrine functions of the human fetus and placenta, 419 (Current developments)
Dillon, Thomas F. (*see* Phillips, Mohajer-Shojai, and Dillon), 577
— (*see* Wiechetek, Horiguchi, and Dillon), 230
DiPietro, David L. (*see* Boehm, DiPietro, and Goss), 98
Dixon, R. E., Acosta, A. A., and Young, R. L. Penrose pessary management of neonatal genital prolapse, 855 (Comm. in brief)
Doran, T. A., Benzie, R. J., Harkins, J. L., Jones Owen, V. M., Porter, C. J., Thompson, D. W., and Liedgren, S. I. Amniotic fluid tests for fetal maturity, 829
— (*see* Benzie et al.), 798
Dorman, Layton P. (*see* Dweck et al.), 811
Drill, Victor A. Benign cholestatic jaundice of pregnancy and benign cholestatic jaundice from oral contraceptives, 165
Duchin, Sybil (*see* Mann, Duchin, and Weiss), 533
Dunnihoo, D. R. (*see* Beguin, Dunnihoo, and Quilligan), 630
Durand, J. C. (*see* Pilleron, Durand, and Hamelin), 453, 458
Dweck, Harry S., Huggins, William, Dorman, Layton P., Saxon, Samuel A., Benton, John W., Jr., and Cassady, George. Developmental sequelae in infants having suffered severe perinatal asphyxia, 811
Dyer, Norman C. (*see* Mansour et al.), 557

E

Edelman, David A., Brenner, William E., and Berger, Gary S. The effectiveness and complications of abortion by dilatation and vacuum aspiration versus dilatation and rigid metal curettage, 473
—, Brenner, William E., Davis, Geoffrey L. R., and Child, Peter. An evaluation of the Pregnosticon Dri-Dot test in early pregnancy, 521
Eldridge, Roswell (*see* Allen, Eldridge, and Koerber), 516
Erickson, Robert P. (*see* Golbus and Erickson), 268
Espinoza, José, Barnafi, Livio, and Schnaidt, Enrique. The effect of phenobarbital on intrahepatic cholestasis of pregnancy, 234
Esposito, John M., and Rubino, George. Bleeding after ovarian biopsy under laparoscopic vision, 857 (Comm. in brief)
Evans, Hugh E. (*see* Mukherjee et al.), 648

F

Faiman, Charles (*see* Coudert, Winter, and Faiman), 755
Fearl, James D. (*see* Stearns, Sneeden, and Fearl), 375
Fehr, Peter E., and Prem, Konald A. Malignancy of the uterine corpus following irradiation therapy for squamous cell carcinoma of the cervix, 685
Feiz, J. (*see* Sarram et al.), 657
Feldman, George B., and Knapp, Robert C. Lymphatic drainage of the peritoneal cavity and its significance in ovarian cancer, 991 (Current opinion)
Fields, Gary A. (*see* Vardi and Fields), 617
Figge, David C., and Gaudenz, Reto. Invasive carcinoma of the vulva, 382
Figueroa-Longo, J. (*see* Myers et al.), 877
Floriani, Francisco A. (*see* Gadow, Floriani, and Florin), 849
Florin, Alejo (*see* Gadow, Floriani, and Florin), 849
Foruzandeh, M. (*see* Sarram et al.), 657
Frankland, Marjorie (*see* Simmer et al.), 283
Franklin, Richard W. Perinatal mortality rates: A fourteen-year survey in a metropolitan community hospital, 297

Freeman, Roger K., Bateman, Bruce G., Goebelsmann, Uwe, Arce, Juan J., and James, Jean. Clinical experience with the amniotic fluid lecithin/sphingomyelin ratio. II. The L/S ratio in "stressed pregnancies," 239
Freundlich, J. (*see* Wingate et al.), 1101
Friedman, Emanuel A. (*see* Knapp and Friedman), 1013
Frosolono, M. (*see* Roux, Nakamura, and Frosolono), 838
Fry, Bill W., and Taves, Donald R. Maternal and fetal fluorometabolite concentrations after exposure to methoxyflurane, 199
Fuchs, Fritz (*see* Cederqvist and Fuchs), 854
— (*see* Kimball, Kean, and Fuchs), 208
Fux, G. (*see* Lorenz et al.), 1126

G

Gabos, Paul F. (*see* Archer et al.), 466
Gadow, Enrique C., Floriani, Francisco A., and Florin, Alejo. IgG levels in amniotic fluid, 849
Galask, Rudolph (*see* Larsen, Schlievert, and Galask), 895
— (*see* Larsen, Snyder, and Galask), 492, 497
Galliford, Brian W. (*see* Ross and Galliford), 858
Gaudenz, Reto (*see* Figge and Gaudenz), 382
Gautray, J. P. (*see* Jolivet, Blanchier, and Gautray), 775
Gazanfarpour, P. (*see* Sarram et al.), 657
Gennser, Gerhard, Söderberg, Hanna, and Trydino, Nils. Family with a high activity of serum diamine oxidase, 1128 (Comm. in brief)
Gershanik, Juan J., Brooks, G. Gary, and Little, Joseph A. Blood lead values in pregnant women and their offspring, 508
Giambrone, James P. (*see* Montaldi et al.), 1130
Gibbs, C. E. Maternal death due to stroke, 69
Girgis, Zaiful A. (*see* Muenzer et al.), 31
Glass, Leonard L. (*see* Mukherjee et al.), 648
Glasser, Mark H. (*see* Golditch and Glasser), 481
Gluck, Louis (*see* Pomerance, Gluck, and Lynch), 867
Goebelsmann, Uwe, Arce, Juan J., Thorneycroft, Ian H., and Mishell, Daniel R., Jr. Serum testosterone concentrations in women throughout the menstrual cycle and following HCG administration, 445
— (*see* Freeman et al.), 239
Golbus, Mitchell S. Laminaria and intra-amniotic prostaglandin $F_{2\alpha}$ for induction of mid-trimester abortions, 569 (Comm. in brief)
— and Erickson, Robert P. Mid-trimester abortion induced by intra-amniotic prostaglandin $F_{2\alpha}$: Fetal tissue viability, 268 (Comm. in brief)
Gold, Anita S. (*see* Simmer et al.), 283
Gold, Ernest M. (*see* Simmer et al.), 283
Golditch, Ira M., and Glasser, Mark H. The use of laminaria tents for cervical dilatation prior to vacuum aspiration abortion, 481
Goldman, Jack A., with the technical assistance of Resnik, Rivka. Carbohydrate metabolism in previable fetal death, 1083
Goldstein, Donald P. (*see* Kosasa et al.), 784
Goodlin, Robert C., and Lowe, Ernest W. Multiphasic fetal monitoring, 341
Goodman, Leona V. (*see* Carter et al.), 76
Goss, Donald A. (*see* Boehm, DiPietro, and Goss), 98
Gottsegen, D. (*see* Wingate et al.), 1101
Greene, M. E. (*see* Sproule, Greene, and Whitfield), 653
Greipel, Margaret (*see* Simmer et al.), 283
Gupta, R. R. (*see* Bansal et al.), 1079
Gusdon, John P., Jr., Iannuzzi, Nicholas P., Witherow, Candace C., and DeChatelet, Larry R. Modification of the human fetal phagocytic response by promethazine hydrochloride, 543

H

Hackshaw, Barry T. (*see* Anderson and Hackshaw), 589
Hamelin, J. P. (*see* Pilleron, Durand, and Hamelin), 453, 458
Hampton, Peter T., and Tarnasky, William G. Hysterectomy and tubal ligation: A comparison of the psychological aftermath, 949
Hanna, Lavelle (*see* Smith and Hanna), 314
Harkins, J. L. (*see* Benzie et al.), 798
— (*see* Doran et al.), 829
Harris, Robert E. Viral teratogenesis: A review with experimental and clinical perspectives, 996 (Current developments)
Hayden, Glen E. The incidence of unsuspected asymptomatic thrombophlebitis of pelvic veins associated with hysterectomy, 396
Heller, Richard H. (*see* Park et al.), 661
Herbst, Arthur L., Robboy, Stanley J., Scully, Robert E., and Poskanzer, David C. Clear-cell adenocarcinoma of the vagina and cervix in girls: Analysis of 170 Registry cases, 713 (Current developments)
Higa, Yumi, Sasazuki, Takehiko, Nakajima, Hiroshi, Takayama, Masaomi, Tada, Masaki, and Soma, Hiroaki. Amniotic fluid proteins in the antenatal diagnosis of some fetal abnormalities, 932
Hingorani, V. (*see* Kumra et al.), 762
Hirsch, Victor J. (*see* Chik et al.), 816
Hobel, Calvin J. (*see* Okada et al.), 502
Hoffman, Loren H. (*see* Mansour et al.), 557
Hofmeister, F. J. Culdotomy: A method of evaluating the pelvis, 39
Horiguchi, Terusada (*see* Suzuki et al.), 253
— (*see* Wiechetek, Horiguchi, and Dillon), 230
Horta, José Luis Hernández (*see* López-Llera and Horta), 193
Huggins, William (*see* Dweck et al.), 811

I

Iannuzzi, Nicholas P. (*see* Gusdon et al.), 543
Iffy, L. (*see* Wingate et al.), 1101

J

Jackson, Benjamin T., Piasecki, George J., and Novy, Miles J. Hemodynamic effects of maternal-fetal parabiosis, 567 (Comm. in brief)
Jackson, Esther C. (*see* Niswander and Jackson), 306
Jacobs, M. (*see* Lagasse et al.), 328
James, Geoffrey B. (*see* Clapp et al.), 919
James, Jean (*see* Freeman et al.), 239
Järvi, Jukka (*see* Vorne et al.), 610
Järvinen, Pentti A. (*see* Vorne et al.), 610
Johnson, G. H. (*see* Lagasse et al.), 328
Johnson, Lois M. (*see* Merola et al.), 243
Jolivet, A., Blanchier, H., and Gautray, J. P., with the technical assistance of Dhem, Nicole. Blood cortisol variations during late pregnancy and labor, 775
Jones, Howard W., Jr. (*see* Manuel, Park, and Jones), 853
— (*see* Park et al.), 661
Jones, Rosanne (*see* Sgoutas and Jones), 929
Jones Owen, V. M. (*see* Benzie et al.), 798
— (*see* Doran et al.), 829
Joseph, A. A., and Kincl, Fred A. Toxic and antifertility effects of quinacrine hydrochloride in rats, 978
Josimovich, John B. (*see* Archer et al.), 466

K

Kajii, T. (*see* Ohama and Kajii), 552
Kang, Ellen S., and Scanlon, John. Concentrations of the free amino acids in human amniotic fluid during normal and abnormal pregnancies, 603
Kärki, Niilo T. (*see* Vorne et al.), 610
Kean, B. H. (*see* Kimball, Kean, and Fuchs), 208

Kerenyi, T. (*see* Myers et al.), 877
Kern, David H. (*see* Veltman, Kern, and Pilch), 959
Khoo, Soo Keat, and Mackay, Eric Vincent. Status in preinvasive, locally invasive, and disseminated disease, 1018
Kikuchi, Y. (*see* Sekiya, Kikuchi, and Takamizawa), 675
Kimball, Anne C., Kean, B. H., and Fuchs, Fritz. Toxoplasmosis: Risk variations in New York City obstetric patients, 208
Kinch, R. A. H. (*see* Patrick, Perry, and Kinch), 539
Kincl, Fred A. (*see* Joseph and Kincl), 978
King, Theodore M. (*see* Burkman et al.), 131
Kinugasa, Takayuki (*see* Aono et al.), 740
Kirschbaum, Thomas H. An experiment in medical education, 320
Knab, Douglas R. (*see* Dibona and Knab), 681
Knapp, Robert C., and Friedman, Emanuel A. Aortic lymph node metastases in early ovarian cancer, 1013
— (*see* Feldman and Knapp), 991
Knauf, Suzanne, and Urbach, G. I. Ovarian tumor-specific antigens, 966
Koerber, Thelma (*see* Allen, Eldridge, and Koerber), 516
Kosasa, Thomas S., Levesque, Linda A., Goldstein, Donald P., and Taymor, Melvin L. Clinical use of a solid-phase radioimmunoassay specific for human chorionic gonadotropin, 784
Kubli, F. (*see* Lorenz et al.), 1126
Kumaresan, P., Anandarangam, P. B., Dianzon, W., and Vasicka, Alois. Plasma oxytocin levels during human pregnancy and labor as determined by radioimmunoassay, 215
Kumra, Renu, Sen, K. K., Hingorani, V., and Talwar, G. P. Binding of progesterone in the human Fallopian tube, 762
Kurachi, Keiichi (*see* Aono et al.), 740

L

Lagasse, L. D., Smith, M. L., Moore, J. G., Morton, D. G., Jacobs, M., Johnson, G. H., and Watring, W. G. The effect of radiation therapy on pelvic lymph node involvement in Stage I carcinoma of the cervix, 328
Lane, Mary E., Dacalos, Emilia, Sobrero, Aquiles J., and Ober, William B. Squamous metaplasia of the endometrium in women with an intrauterine contraceptive device: Follow-up study, 693
Larraguibel, Raul (*see* Dabancens et al.), 1052
Larsen, Bryan, Schlievert, Patrick, and Galask, Rudolph. The spectrum of antibacterial activity of human amniotic fluid determined by scanning electron microscopy, 895
—, Snyder, Irvin S., and Galask, Rudolph P. Bacterial growth inhibition by amniotic fluid. I. In vitro evidence for bacterial growth-inhibiting activity, 492
—, —, and —. Bacterial growth inhibition by amniotic fluid. II. Reversal of amniotic fluid bacterial growth inhibition by addition of a chemically defined medium, 497
Lebherz, Thomas B. (*see* Lucas, Benirschke, and Lebherz), 435
Ledger, William J. (*see* Thompson, de Vries, and Ledger), 1069
Levesque, Linda A. (*see* Kosasa et al.), 784
Levy, Julio (*see* Casthely, Maheswaran, and Levy), 571
Lewis, Charles E. Consumer control of carcinoma of the cervix, 669
Liedgren, S. I. (*see* Doran et al.), 829
Lillie, Madeline A., and Mink, Irving B. Progestational agents and blood coagulation. VI. Relationship of ABO blood types to changes induced by oral contraceptives, 406
— (*see* Mink et al.), 401
Little, Joseph A. (*see* Gershanik, Brooks, and Little), 508
López-Llera, Mario, and Horta, José Luis Hernández. Pregnancy after eclampsia, 193
Lorenz, U., Rüttgers, H., Fux, G., and Kubli, F. Fetal pulmonary surfactant induction by bromhexine metabolite VIII, 1126 (Comm. in brief)
Lowe, Ernest W. (*see* Goodlin and Lowe), 341
Lowensohn, Richard, and Ballard, Charles A. Cervicovaginal fistula: An apparent increased incidence with prostaglandin $F_{2\alpha}$, 1057
Lucas, William E., Benirschke, Kurt, and Lebherz, Thomas B. Verrucous carcinoma of the female genital tract, 435
Luckett, P. (*see* van Nagell et al.), 727
Lynch, Vincent A. (*see* Pomerance, Gluck, and Lynch), 867

M

McCreary, S. A. (*see* Spellacy et al.), 266
McDaniel, Edwin B., and Pardthaisong, Tieng. Use-effectiveness of six-month injections of DMPA as a contraceptive, 175
McDonough, Paul G., and Tho, Phung Thi. Gonadal dysgenesis with atypical bleeding, functional cyst in rudimentary streak gonads, 565 (Comm. in brief)
Mackay, Eric Vincent (*see* Khoo and Mackay), 1018
McLennan, Charles E. Time for a change, 277
Maheswaran, Chellappah (*see* Casthely, Maheswaren, and Levy), 571
Mann, Leon I., Duchin, Sybil, and Weiss, Robert R. Fetal EEG sleep stages and physiologic variability, 533
Mansour, Moustafa M., Dyer, Norman C., Hoffman, Loren H., Davies, Jack, and Brill, A. Bertrand. Placental transfer of mercuric nitrate and methyl mercury in the rat, 557
Manuel, May, Park, I. J., and Jones, Howard W., Jr. Prenatal sex determination by fluorescent staining of cells for the presence of Y chromatin, 853 (Comm. in brief)
Martin, Chester B., Jr., Murata, Yuji, Petrie, Roy H., and Parer, Julian T. Respiratory movements in fetal rhesus monkeys, 939
Martin, John W. (*see* Dean et al.), 59
Maroon, Joseph (*see* Archer et al.), 466
Maruyama, Y. (*see* van Nagell et al.), 727
Mason, Kenneth G. (*see* Spence and Mason), 1073
Mehram, Ali Hadinejad (*see* Boyce and Mehram), 48
Mejia, Alfonso (*see* Singh, Mejia, and Zuspan), 623
Merola, Joseph C. L., Johnson, Lois M., Bolognese, Ronald J., and Corson, Stephen L. Determination of fetal pulmonary maturity by amniotic fluid lecithin/sphingomyelin ratio and rapid shake test, 243
Mettler, L., and Shirwani, D. The blood count during the ovarian cycle, 1038
Minagawa, Junnosuke(*see* Aono et al.), 740
Mink, Irving B., Courey, Norman G., Niswander, Kenneth R., Moore, Robert H., Lillie, Madeline A., and Ambrus, Julian L. Progestational agents and blood coagulation. V. Changes induced by sequential oral contraceptive therapy, 401
—(*see* Lillie and Mink), 406
Mishell, Daniel R., Jr. (*see* Goebelsmann et al.) 445
—(*see* Ribeiro, Mishell, and Thorneycroft), 1026
—(*see* Roy, Cooper, and Mishell), 414
Miyake, Akira (*see* Aono et al.), 740
Mohajer-Shojai, E. (*see* Phillips, Mohajer-Shojai, and Dillon), 577
Monif, Gilles R. G. Maternal mumps infection during gestation: Observations on the progeny, 549
Mataldi, David H., Giambrone, James P., Courey, Norman G., and Taefi, Parviz. Podophyllin poisoning associated with the treatment of condyloma acuminatum: A case report, 1130 (Comm. in brief)

Moore, J. G. (*see* Lagasse et al.), 328
Moore, Robert H. (*see* Mink et al.), 401
Morishima, Hisayo O. (*see* Suzuki et al.), 253
Morris, H. H. B., Vinik, A. I., and Mulvihal, Maglona. Effects of acute alterations in maternal free fatty acid concentration on human chorionic somatomammotropin secretion, 224
Morriss, Frank H., Jr., and Brumley, George W. Erythrocyte 2,3-diphosphoglycerate concentrations in umbilical venous blood from normal and meconium-stained neonates, 988 (Current investigation)
Morton, D. G. (*see* Lagasse et al.), 328
Mueller-Heubach, Eberhard (*see* Suzuki et al.), 253
Muenzer, Robert W., Girgis, Zaiful A., Rigal, R. D., and Bennett, A. D. An acceptable yearly screening device for endometrial carcinoma, 31
Mukherjee, Trishit K., Rajegowda, B. K., Glass, Leonard L., Auerbach, J., and Evans, Hugh E. Amniotic fluid shake test versus lecithin/sphingomyelin ratio in the antenatal prediction of respiratory distress syndrome, 648
Mulvihal, Maglona (*see* Morris, Vinik, and Mulvihal), 224
Murata, Yuji (*see* Martin et al.), 939
Murphy, Beverley E. Pearson. Cortisol and cortisone levels in the cord blood at delivery of infants with and without the respiratory distress syndrome, 1112
Myers, R. E., Symchych, P., Strauss, L., Comas, A., Figueroa-Longo, J., Kerenyi, T., and Adamsons, K. Morphologic changes of uterine wall following intra-amniotic injection of hypertonic saline in the rhesus monkey, 877

N

van Nagell, J. R., Jr., Parker, J. C., Jr., Maruyama, Y., Utley, J., and Luckett, P. Bladder or rectal injury following radiation therapy for cervical cancer, 727
Nakajima, Hiroshi (*see* Higa et al.), 932
Nakamura, Junichi, and Roux, Jacques F. Determination of amniotic fluid phospholipids for the diagnosis of fetal maturation, 104
—(*see* Roux, Nakamura, and Frosolono), 838
Nankin, Howard R. (*see* Archer et al.), 466
Neuwirth, Robert S., Ryu, Kyuong, and Richart, Ralph M. Further studies on chemical closure of the Fallopian tubes in the monkey, 463
Nicholl, Willard (*see* Sherrod and Nicholl), 1044
Nicholson, Roberto (*see* Calamera, Nicholson, and Procaccini), 411
Niebyl, Jennifer Robinson. Pregnancy following total hysterectomy, 512
Niswander, Kenneth, and Jackson, Esther C. Physical characteristics of the gravida and their association with birth weight and perinatal death, 306
— (*see* Mink et al.), 401
Nosetz, Steven (*see* Archer et al.), 466
Novy, Miles J. (*see* Jackson, Piasecki, and Novy), 567
Nussbaum, Robin (*see* Sokol et al.), 767

O

Ober, William B. (*see* Lane et al.), 693
Ohama, K., and Kajii, T. Mixed cultures of fetal and adult lymphocytes, 552
Okada, Donald M., Tulchinsky, Dan, Ross, Jim W., and Hobel, Calvin J. Plasma estrone, estradiol, estriol, progesterone, and cortisol in normal labor, 502
Oster, Gerald, Salgo, Miklos P., and Taleporos, Plato. Embryocidal action of a bis(dichloroacetyl)diamine: An oral abortifacient for rats, 583
Ostergard, Donald R. Intrauterine contraception in multiparas with the Dalkon Shield, 1033

P

Pardthaisong, Tieng (*see* McDaniel and Pardthaisong), 175
Parer, Julian T. (*see* Martin et al.), 939
Park, I. James, Heller, Richard H., Jones, Howard W., Jr., and Woodruff, J. Donald. Apparent pseudopuberty in a phenotypic female with a gonadal tumor and an autosome/Y chromosome translocation, 661
—(*see* Manuel, Park, and Jones), 853
Parker, J. C., Jr. (*see* van Nagell et al.), 727
Patrick, J. E., Perry, T. B., and Kinch, R. A. H. Fetoscopy and fetal blood sampling: A percutaneous approach, 539
Penfield, A. Jefferson. Laparoscopic sterilization under local anesthesia, 733
Perry, T. B. (*see* Patrick, Perry, and Kinch), 539
Petrie, Roy H. (*see* Martin et al.), 939
Phillips, Louise L., Mohajer-Shojai, E., and Dillon, Thomas F. Coagulation studies during second-trimester abortions induced by $PGF_{2\alpha}$, 577
Piasecki, George J. (*see* Jackson, Piasecki, and Novy), 567
Pilch, Yosef H. (*see* Veltman, Kern, and Pilch), 959
Pilleron, J. P., Durand, J. C., and Hamelin, J. P. Location of lymph node invasion in cancer of the uterine cervix: Study of 140 cases treated at the Curie Foundation, 453
—, —, and —. Prognostic value of node metastasis in cancer of the uterine cervix, 458
Polishuk, Wolfe Z., and Ron, Moshe A. Familial bicornuate and double uterus, 982
Pomerance, Jeffrey J., Gluck, Louis, and Lynch, Vincent A. Physical fitness in pregnancy: Its effect on pregnancy outcome, 867
Pomerantz, Seymour H. (*see* Ances and Pomerantz), 1062
Porter, C. J. (*see* Benzie et al.), 798
—(*see* Doran et al.), 829
Poskanzer, David C. (*see* Herbst et al.), 713
Powell, L. C., Jr., Blakeney, Patricia, Croft, Harry, and Pulliam, George P. Rapid treatment approach to human sexual inadequacy, 89
Prado, Rodrigo (*see* Dabancens et al.), 1052
Prakash, C. (*see* Bansal et al.), 1079
Prem, Konald A. (*see* Fehr and Prem), 685
Procaccini, Juan Carlos (*see* Calamera, Nicholson, and Procaccini), 411
Pulliam, George P. (*see* Powell et al.), 89

Q

Quilligan, E. J. (*see* Beguin, Dunnihoo, and Quilligan), 630

R

Rajegowda, B. K. (*see* Mukherjee et al.), 648
Rakoff, J., VandenBerg, G., Silar, T. M., and Yen, S. S. C. An integrated direct functional test of the adenohypophysis, 358
Randall, Clyde L. The current practices of Board-certified obstetricians and gynecologists in the United States, 156
Ratnam, S. S. (*see* Dawood, Ratnam, and Teoh), 904
Reid, Duncan E., and Shirley, Robert L. Endometrial carcinoma associated with Sheehan's syndrome and stilbestrol therapy, 264 (Comm. in brief)
Resnik, Rivka (*see* Goldman), 1083
Ribeiro, Walter O., Mishell, Daniel R., Jr., and Thorneycroft, Ian H. Comparison of the patterns of androstenedione, progesterone, and estradiol during the human menstrual cycle, 1026
Richart, Ralph M. (*see* Neuwirth, Ryu, and Richart), 463
Rigal, R. D. (*see* Muenzer et al.), 31

Ringrose, C. A. Douglas. Carcinoma in situ of the cervix after amethopterin therapy, 1132 (Comm. in brief)
Rioux, Jacques-E., and Cloutier, Diogene. A new bipolar instrument for laparoscopic tubal sterilization, 737
Robboy, Stanley J. (*see* Herbst et al.), 713
Ron, Moshe A. (*see* Polishuk and Ron), 982
Rosa, Franz W. Birth weight in Fiji and Western Samoa: A Pacific prescription for pregnancy? 1121
Rosen, Mortimer (*see* Chik et al.), 816
—(*see* Sokol et al.), 767
Rosenheim, Gustav E. Prophylactic antibiotics in elective abdominal hysterectomy, 335
Ross, Jim W. (*see* Okada et al.), 502
Ross, John E., and Galliford, Brian W. Late hemorrhage following cesarean section, 858 (Comm. in brief)
Ross, Newton A. (*see* Archimaut et al.), 596
Rothbard, Malcolm J., and De Jesus, Tan Peck Siu K. The foam test as a prognosticator of fetal pulmonary maturity, 924
Roux, J. F., Nakamura, J., and Frosolono, M. Fatty acid composition and concentration of lecithin in the acetone fraction of amniotic fluid phospholipids, 838
—(*see* Nakamura and Roux), 104
Roy, Subir, Cooper, Donna, and Mishell, Daniel R., Jr. Experience with three different models of the Copper T intrauterine contraceptive device in nulliparous women, 414 (Current investigation)
Rubino, George (*see* Esposito and Rubino), 857
Russell, P. T. (*see* Alam et al.), 1131
Rutledge, Felix N. (*see* Swan and Rutledge), 6
Rüttgers, H. (*see* Lorenz et al.), 1126
Ryu, Kyuong (*see* Neuwirth, Ryu, and Richart), 463

S

Saloo, Miklos P. (*see* Oster, Salgo, and Taleporos), 583
Sandmire, Herbert F., and Austin, Stephen D. Curettage as an office procedure, 82
Sarram, M., Feiz, J., Foruzandeh, M., and Gazanfarpour, P. Intrauterine fetal infection with *Brucella melitensis* as a possible cause of second-trimester abortion, 657
Sarto, Gloria E. Cytogenetics of fifty patients with primary amenorrhea, 14
Sasazuki, Takehiko (*see* Higa et al.), 932
Saxon, Samuel A. (*see* Dweck et al.), 811
Scanlon, John (*see* Kang and Scanlon), 603
Schlievert, Patrick (*see* Larsen, Schlievert, and Galask), 895
Schnaidt, Enrique (*see* Espinoza, Barnafi, and Schnaidt), 234
von Schoultz, Bo. A quantitative study of the pregnancy zone protein in the sera of pregnant and puerperal women, 792
Scully, Robert E. (*see* Herbst et al.), 713
Sekiya, S., Kikuchi, Y., and Takamizawa, H. The effects of hormones and chemotherapeutic agents on rat uterine adenocarcinoma cells in tissue culture, 675
Sen, K. K. (*see* Kumra et al.), 762
Seppälä, M., and Unnérus, H.-A. Elevated amniotic fluid alpha fetoprotein in fetal hydrocephaly, 270 (Comm. in brief)
Sgoutas, Demetrios, and Jones, Rosanne. Quantitation of the lecithin/sphingomyelin ratio in amniotic fluid by a simple charring method, 929
Shade, Allen R. (*see* Alam et al.), 1131
Shen, Y.-W., and Taves, Donald R. Fluoride concentrations in the human placenta and maternal and cord blood, 205
Sherrod, Dale B., and Nicholl, Willard. Electrocardiographic changes during intrauterine contraceptive device insertion, 1044
Shine, Robert M., and Thompson, Joseph F. The in situ IUD and pregnancy outcome, 124
Shirley, Robert L. (*see* Reid and Shirley), 264
Shirwani, D. (*see* Mettler and Shirwani), 1038
Silar, T. M. (*see* Rakoff et al.), 358
Silverberg, Steven G., and DeGiorgi, Lucio S. Histopathologic analysis of preoperative radium therapy in endometrial carcinoma, 698
Simmer, Hans H., Tulchinsky, Dan, Gold, Ernest M., Frankland, Marjorie, Greipel, Margaret, and Gold, Anita S. On the regulation of estrogen production by cortisol and ACTH in human pregnancy at term, 283
Singh, Eric J., Mejia, Alfonso, and Zuspan, Frederick P. Studies of human amniotic fluid phospholipids in normal, diabetic, and drug-abuse pregnancy, 623
Smale, Leroy E. Destructive operations on the fetus, 369
Smith, M. L. (*see* Lagasse et al.), 328
Smith, Robert N., and Hanna, Lavelle. Herpesvirus infections in pregnancy: A comparison of neutralizing antibody titers in mothers and their infants, 314
Sneeden, Vinton D. (*see* Stearns, Sneeden, and Fearl), 375
Snyder, Irvin S. (*see* Larsen, Snyder, and Galask), 492, 497
Sobota, Joseph T. (*see* Carter et al.), 76
Sobrero, Aquiles J. (*see* Lane et al.), 693
Söderberg, Hanna (*see* Gennser, Söderberg, and Tryding), 1128
Sokol, Robert J., Walker, Robert, Nussbaum, Robin, Rosen, Mortimer G., and Chik, Lawrence. Computer diagnosis of labor progression. III. Dysfunctional labor patterns in the very elderly gravida, 767
—(*see* Chik et al.), 816
Soma, Hiroaki (*see* Higa et al.), 932
Soria, Jorge (*see* Zárate et al.), 971
Spellacy, W. N., Buhi, W. C., Birk, S. A., and McCreary, S. A. Change in glucose and insulin after six months' treatment with the oral contraceptive Demulen, 266 (Comm. in brief)
Spence, Michael R., and Mason, Kenneth G. Experimental amniotic fluid embolism in rabbits, 1073
Sproule, W. B., Greene, M. E., and Whitfield, C. R. Amniotic fluid bubble stability test as a screening procedure for predicting the risk of neonatal respiratory distress, 653
Stallone, Laura Ann, and Ziel, Harry K. Management of gestational diabetes, 1091
Stanton, Stuart L. Gynecologic complications of epispadias and bladder exstrophy, 749
Starkovsky, N. (*see* Cahill, Cohen, and Starkovsky), 1095
Šťastný, J. (*see* Vassilakos, Wyss, and Šťastný), 889
Stearns, Howard C., Sneeden, Vinton D., and Fearl, James D. A clinical and pathologic review of ovarian stromal hyperplasia and its possible relationship to common diseases of the female reproductive system, 375
Stoot, J. E. G. M. (*see* Tushuizen, Stoot, and Urachs), 638
Strauss, L. (*see* Myers et al.), 877
Sutherland, G. R. (*see* Butterworth et al.), 821
Suzuki, Kotaro, Horiguchi, Terusada, Comas-Urrutia, Arsenio C., Mueller-Heubach, Eberhard, Morishima, Hisayo O., and Adamsons, Karlis. Placental transfer and distribution of nicotine in the pregnant rhesus monkey, 253
Swan, Robert W., and Rutledge, Felix N. Urinary conduit in pelvic cancer patients, 6
Symchych, P. (*see* Myers et al.), 877
Symmonds, Richard E. (*see* Webb, Symmonds, and Weiland), 190

T

Taeffi, Parviz (*see* Montaldi et al.), 1130
Taeusch, H. William, Jr. (*see* Wyszogrodski, Taeusch, and Avery), 1107

Taka, Masaki (*see* Higa et al.), 932
Takamizawa, H. (*see* Sekiya, Kikuchi, and Takamizawa), 675
Takayama, Masaomi (*see* Higa et al.), 932
Taleporos, Plato (*see* Oster, Salgo, and Taleporos), 583
Talwar, G. P. (*see* Kumra et al.), 762
Targett, Christopher S. Estrogen excretion in a case of theca-granulosa cell tumor, 859 (Comm. in brief)
Tarnasky, William G. (*see* Hampton and Tarnasky), 949
Taube, Robert R. (*see* White, Cohen, and Taube), 111
Taves, Donald R. (*see* Fry and Taves), 199
—(*see* Shen and Taves), 205
Taylor, E. Stewart (*see* Dean et al.), 59
Taymor, Melvin L. (*see* Kosasa et al.), 784
Teoh, Eng Soon (*see* Dawood, Ratnam, and Teoh), 904
Tho, Phung Thi (*see* McDonough and Tho), 565
Thompson, D. W. (*see* Doran et al.), 829
Thompson, George R., de Vries, Lucas, and Ledger, William J. The effect of pregnancy upon urinary mucopolysaccharide excretion, 1069
Thompson, Joseph F. (*see* Shine and Thompson), 124
Thorneycroft, Ian H. (*see* Goebelsmann et al.), 445
—(*see* Ribeiro, Mishell, and Thorneycroft), 1026
Tryding, Nils (*see* Gennser, Söderberg, and Tryding), 1128
Tulchinsky, Dan (*see* Okada et al.), 502
—(*see* Simmer et al.), 283
Turmero T., José Angel. Antibody transfer during labor, 486
Tushuizen, P. B. Th., Stoot, J. E. G. M., and Ubachs, J. M. H. Abnormal antepartum cardiotocograms in patients with placental insufficiency, 638

U

Ubachs, J. M. H. (*see* Tushuizen, Stoot, and Ubachs), 638
Unnérus, H.-A. (*see* Seppälä and Unnérus), 270
Urbach, G. I. (*see* Knauf and Urbach), 966
Utley, J. (*see* van Nagell et al.), 727

V

VandenBerg, G. (*see* Rakoff et al.), 358
Vardi, Joseph, and Fields, Gary A. Microangiopathic hemolytic anemia in severe pre-eclampsia, 617
Vasicka, Alois (*see* Kumaresan et al.), 215
Vassilakos, P., Wyss, R., and Šťastný, J. Decidual changes during hypertonic saline–induced abortion, 889
Veltman, Larry L., Kern, David H., and Pilch, Yosef H. Immune cytolysis of human tumor cells mediated by xenogeneic "immune" ribonucleic acid: Implications for immunotherapy, 959
Vinik, A. I. (*see* Morris, Vinik, and Mulvihal), 224
Vorne, Martti S., Järvinen, Pentti A., Järvi, Jukka, Ylöstalo, Pekka R., and Kärki, Niilo T. Pressor substances in the posthemodialysis dialysates of patients with toxemia of pregnancy, 610
de Vries, Lucas (*see* Thompson, de Vries, and Ledger), 1069

W

Wadhwa, Saroj R. (*see* Archer et al.), 466
Walker, Robert (*see* Sokol et al.), 767
Watring, W. G. (*see* Lagasse et al.), 328
Webb, Maurice J., Symmonds, Richard E., and Weiland, Louis H. Malignant fibrous histiocytoma of the vagina, 190
Weiland, Louis H. (*see* Webb, Symmonds, and Weiland), 190
Weisbrod, Dennis M. (*see* Dean et al.), 59
Weiss, Robert R. (*see* Mann, Duchin, and Weiss), 533
Wheeless, Clifford R., Jr. Use of the laparoamnioscope for fetal observation and its effect on the human fetus, 844
White, Charles A., Cohen, William N., and Taube, Robert R. The importance of definitive recognition of intestinal disease from a suspected gynecologic process, 111
Whitfield, C. R. (*see* Sproule, Greene, and Whitfield), 653
Wiechetek, Walter J., Horiguchi, Terusada, and Dillon, Thomas F. Puerperal morbidity and internal fetal monitoring, 230
Wiener, Alfred (*see* Baudry and Wiener), 705
Wingate, L. (*see* Wingate et al.), 1101
Wingate, M. B., Wingate, L., Iffy, L., Freundlich, J., and Gottsegen, D. The effect of epidural analgesia upon fetal and neonatal status, 1101
Winter, Jeremy S. D. (*see* Coudert, Winter, and Faiman), 755
Witherow, Candace C. (*see* Gusdon et al.), 543
Woodruff, J. Donald (*see* Park et al.), 661
Worley, Richard J., and Crosby, Warren M. Hyperthyroidism during pregnancy, 150
Wright, Frank C. Tuboovarian abscess associated with laparoscopic tubal cauterization and the intrauterine contraceptive device, 1133 (Comm. in brief)
Wyss, R. (*see* Vassilakos, Wyss, and Šťastný), 889
Wyszogrodski, Issie, Taeusch, H. William, Jr., and Avery, Mary Ellen. Isoxsuprine-induced alterations of pulmonary pressure-volume relationships in premature rabbits, 1107

Y

Yen, S. S. C. (*see* Rakoff et al.), 358
Ylöstalo, Pekka R. (*see* Vorne et al.), 610
Young, R. L. (*see* Dixon, Acosta, and Young), 855

Z

Zañartu, Juan (*see* Dabancens et al.), 1052
Zárate, Arturo, Canales, Elías S., Soria, Jorge, and Carballo, Olga. Studies on the luteinizing hormone– and follicle-stimulating hormone–releasing mechanism in the testicular feminization syndrome, 971
Zeller, William W. The new morality re-evaluated: A psychiatrist's point of view, 24
Ziel, Harry K. (*see* Stallone and Ziel), 1091
Zuspan, Frederick P. (*see* Singh, Mejia, and Zuspan), 623

Subject index*

A

Abdominal hysterectomy, elective, prophylactic antibiotics in (Rosenheim), 335

ABO blood types, relationship of, to changes induced by oral contraceptives, VI. Progestational agents and blood coagulation (Lillie and Mink), 406

Aborted hydatidiform moles, intact and, progesterone concentrations in sera of patients with (Dawood), 911

Abortifacient, oral, for rats: Embryocidal action of bis (dichloroacetyl) diamine (Oster, Salgo, and Taleporos), 583

Abortion(s) by dilatation and vacuum aspiration versus dilatation and rigid metal curettage, effectiveness and complications of (Edelman, Brenner, and Berger), 473

hypertonic saline–induced, decidual changes during (Vassilakos, Wyss, and Šťastný), 889

mid-trimester, induced by intra-amniotic prostaglandin $F_{2\alpha}$: Fetal tissue viability (Golbus and Erickson), 268 (Comm. in brief)

laminaria and intra-amniotic prostaglandin $F_{2\alpha}$ for induction of (Golbus), 569 (Comm. in brief)

pregnant patient in conflict about: Challenge for obstetrician (Baudry and Wiener), 705 (Current opinion)

programs, university: One year later (Burkman et al.), 131 (Current opinion)

second-trimester, induced by $PGF_{2\alpha}$, coagulation studies during (Phillips, Mohajer-Shojai, and Dillon), 577

intrauterine fetal infection with *Brucella melitensis* as possible cause of (Sarram et al.), 657

vacuum aspiration, use of laminaria tents for cervical dilatation prior to (Golditch and Glasser), 481

Abscess, tuboovarian, associated with laparoscopic tubal cauterization and intrauterine contraceptive device (Wright), 1133 (Comm. in brief)

Abuse, drug-, normal, and diabetic pregnancy, studies of human amniotic fluid phospholipids in (Singh, Mejia, and Zuspan), 623

Acetone fraction of amniotic fluid phospholipids, fatty acid composition and concentration of lecithin in (Roux, Nakamura, and Frosolono), 838

Acid(s) composition, fatty, and concentration of lecithin in acetone fraction of amniotic fluid phospholipids (Roux, Nakamura, and Frosolono), 838

concentration, maternal free fatty, effects of acute alterations in, on human chorionic somatomammotropin secretion (Morris, Vinik, and Mulvihal), 224

free amino, concentrations of, in human amniotic fluid during normal and abnormal pregnancies (Kang and Scanlon), 603

ribonucleic, xenogeneic "immune," immune cytolysis of human tumor cells mediated by: Implications for immunotherapy (Veltman, Kern, and Pilch), 959

Acoustic neuroma in last months of pregnancy (Allen, Eldridge, and Koerber), 516

ACTH, cortisol and, on regulation of estrogen production by, in human pregnancy at term (Simmer et al.), 283

Acuminatum, condyloma, podophyllin poisoning associated with treatment of: Case report (Montaldi et al.), 1130 (Comm. in brief)

Adenocarcinoma cells, rat uterine, in tissue culture, effects of hormones and chemotherapeutic agents on (Sekiya, Kikuchi, and Takamizawa), 675

Adenocarcinoma—Cont'd

clear-cell, of vagina and cervix in girls: Analysis of 170 Registry cases (Herbst et al.), 713 (Current developments)

Age, gestational, lysosomal enzymes of amniotic fluid in relation to (Butterworth et al.), 821

Alpha fetoprotein, elevated amniotic fluid, in fetal hydrocephaly (Seppälä and Unnérus), 270 (Comm. in brief)

Amenorrhea, diagnostic significance of LH-releasing hormone test in patients with (Aono et al.), 740

primary, cytogenetics of fifty patients with (Sarto), 14

Amethopterin therapy, carcinoma in situ of cervix after (Ringrose), 1132 (Comm. in brief)

Amino acids, free, concentrations of, in human amniotic fluid during normal and abnormal pregnancies (Kang and Scanlon), 603

Amniotic fluid alpha fetoprotein, elevated, in fetal hydrocephaly (Seppälä and Unnérus), 270 (Comm. in brief)

bacterial growth inhibition by. I. In vitro evidence for bacterial growth–inhibiting activity (Larsen, Snyder, and Galask), 492

II. Reversal of amniotic fluid bacterial growth inhibition by addition of chemically defined medium (Larsen, Snyder, and Galask), 497

bubble stability test as screening procedure for predicting risk of neonatal respiratory distress (Sproule, Greene, and Whitfield), 653

embolism, experimental, in rabbits (Spence and Mason), 1073

glucose concentration in: Its possible significance in diabetic pregnancy (Archimaut et al.), 596

human, concentrations of free amino acids in, during normal and abnormal pregnancies (Kang and Scanlon), 603

spectrum of antibacterial activity of, determined by scanning electron microscopy (Larsen, Schlievert, and Galask), 895

IgG levels in (Gadow, Floriani, and Florin), 849

lecithin/sphingomyelin ratio, clinical experience with. II. L/S ratio in "stressed pregnancies" (Freeman et al.), 239

quantitation of, by simple charring method (Sgoutas and Jones), 929

and rapid shake test, determination of fetal pulmonary maturity by (Merola et al.), 243

lysosomal enzymes of, in relation to gestational age (Butterworth et al.), 821

and maternal serum in pregnancy, composition of (Benzie et al.), 798

phospholipids, acetone fraction of, fatty acid composition and concentration of lecithin in (Roux, Nakamura, and Frosolono), 838

determination of, for diagnosis of fetal maturation (Nakamura and Roux), 104

human, studies of, in normal, diabetic, and drug-abuse pregnancy (Singh, Mejia, and Zuspan), 623

proteins in antenatal diagnosis of some fetal abnormalities (Higa et al.), 932

shake test versus lecithin/sphingomyelin ratio in antenatal prediction of respiratory distress syndrome (Mukherjee et al.), 648

tests for fetal maturity (Doran et al.), 829

*May 1, 1-138; May 15, 139-276; June 1, 277-434; June 15, 435-576; July 1, 577-726; July 15, 727-866; August 1, 867-1012; August 15, 1013-1166.

Amniotic—Cont'd
intra-, prostaglandin $F_{2\alpha}$, mid-trimester abortion induced by: Fetal tissue viability (Golbus and Erickson), 268 (Comm. in brief)
Ampicillin administration, effect of, on urinary estriol and serum estradiol in normal pregnant patient (Boehm, DiPietro, and Goss), 98
Analgesia, epidural, effect of, upon fetal and neonatal status (Wingate et al.), 1101
Androstenedione, progesterone, and estradiol, comparison of patterns of, during human menstrual cycle (Ribeiro, Mishell, and Thorneycroft), 1026
Anemia, microangiopathic hemolytic, in severe pre-eclampsia (Vardi and Fields), 617
Anesthesia, local, laparoscopic sterilization under (Penfield), 733
Antenatal diagnosis of some fetal abnormalities, amniotic fluid proteins in (Higa et al.), 932
prediction of respiratory distress syndrome, amniotic fluid shake test versus lecithin/sphingomyelin ratio in (Mukherjee et al.), 648
Antepartum cardiotocograms, abnormal, in patients with placental insufficiency (Tushuizen, Stoot, and Ubachs), 638
Antibacterial activity of human amniotic fluid, spectrum of, determined by scanning electron microscopy (Larsen, Schlievert, and Galask), 895
Antibiotics, prophylactic, in elective abdominal hysterectomy (Rosenheim), 335
Antibody titers, neutralizing, in mothers and their infants, comparison of: Herpesvirus infections in pregnancy (Smith and Hanna), 314
transfer during labor (Turmero T.), 486
Antifertility effects, toxic and, of quinacrine hydrochloride in rats (Joseph and Kincl), 978
Antigens, ovarian tumor—specific (Knauf and Urbach), 966
Aortic lymph node metastases in early ovarian cancer (Knapp and Friedman), 1013
Asphyxia, severe perinatal, developmental sequelae in infants having suffered (Dweck et al.), 811
Aspiration abortion, vacuum, use of laminaria tents for cervical dilatation prior to (Golditch and Glasser), 481
vacuum, dilatation and, versus dilatation and rigid metal curettage, effectiveness and complications of abortion by (Edelman, Brenner, and Berger), 473
Asymptomatic postmenopausal women, use of Gravlee Jet Washer in routine screening of (Dibona and Knab), 681
thrombophlebitis, unsuspected, of pelvic veins associated with hysterectomy, incidence of (Hayden), 396
Autosome/Y chromosome translocation, gonadal tumor and, apparent pseudopuberty in phenotypic female with (Park et al.), 661

B

Bacterial growth inhibition by amniotic fluid. I. In vitro evidence for bacterial growth-inhibiting activity (Larsen, Snyder, and Galask), 492
II. Reversal of amniotic fluid bacterial growth inhibition by addition of chemically defined medium (Larsen, Snyder, and Galask), 497
Benign cholestatic jaundice of pregnancy and benign cholestatic jaundice from oral contraceptives (Drill), 165
Bicornuate and double uterus, familial (Polishuk and Ron), 982
Binding of progesterone in human Fallopian tube (Kumra et al.), 762
Biologic correlates, some, of pregnancy wastage (Awan), 525
Biopsy, ovarian, under laparoscopic vision, bleeding after (Esposito and Rubino), 857 (Comm. in brief)
Bipolar instrument, new, for laparoscopic tubal sterilization (Rioux and Cloutier), 737
Birth weight in Fiji and Western Samoa: Pacific prescription for pregnancy? (Rosa), 1121
and perinatal death, physical characteristics of gravida and association with (Niswander and Jackson), 306
Bis(dichloroacetyl)diamine, embryocidal action of: Oral abortifacient for rats (Oster, Salgo, and Taleporos), 583
Bladder exstrophy, epispadias and, gynecologic complications of (Stanton), 749
or rectal injury following radiation therapy for cervical cancer (van Nagell et al.), 727
Bleeding, atypical, functional cyst, in rudimentary streak gonads, gonadal dysgenesis with (McDonough and Tho), 565 (Comm. in brief)
after ovarian biopsy under laparoscopic vision (Esposito and Rubino), 857 (Comm. in brief)
Blood coagulation, progestational agents and. V. Changes induced by sequential oral contraceptive therapy (Mink et al.), 401
VI. Relationship of ABO blood types to changes induced by oral contraceptives (Lillie and Mink), 406
cord, cortisol and cortisone levels in, at delivery of infants with and without respiratory distress syndrome (Murphy), 1112
cortisol variations during late pregnancy and labor (Jolivet, Blanchier, and Gautray), 775
count during ovarian cycle (Mettler and Shirwani), 1038
fibrinolytic activity, serum lipid and, study of, in cases of cerebral venous/venous sinus thrombosis during puerperium (Bansal et al.), 1079
flow, renal, in fetal lamb in utero, effect of carbon dioxide elevation on (Beguin, Dunnihoo, and Quilligan), 630
umbilical, in late gestation: Comparison of simultaneous measurements with two different techniques (Clapp et al.), 919
uterine, and its distribution, effect of estrogen on, in nonpregnant ewes (Anderson and Hackshaw), 589
lead values in pregnant women and their offspring (Gershanik, Brooks, and Little), 508
maternal and cord, fluoride concentrations in human placenta and (Shen and Taves), 205
sampling, fetal, fetoscopy and: Percutaneous approach (Patrick, Perry, and Kinch), 539
umbilical venous, from normal and meconium-stained neonates, erythrocyte 2,3-diphosphoglycerate concentrations in (Morriss and Brumley), 988 (Current investigation)
Board-certified obstetricians and gynecologists, current practices of, in United States (Randall), 156
Books received, 276, 576, 866, 1140
Breech presentation, hyperextension of head in (Daw), 564 (Comm. in brief)
Bromhexine metabolite VIII, fetal pulmonary surfactant induction by (Lorenz et al.), 1126 (Comm. in brief)
Brucella melitensis, intrauterine fetal infection with, as possible cause of second-trimester abortion (Sarram et al.), 657
Bubble stability test, amniotic fluid, as screening procedure for predicting risk of neonatal respiratory distress (Sproule, Greene, and Whitfield), 653

C

Cancer, cervical, bladder or rectal injury following radiation therapy for (van Nagell et al.), 727
early ovarian, aortic lymph node metastases in (Knapp and Friedman), 1013
genital, immunologic reactivity of female patients with: Status in preinvasive, locally invasive, and disseminated disease (Khoo and Mackay), 1018
ovarian, lymphatic drainage of peritoneal cavity and its significance in (Feldman and Knapp), 991 (Current opinion)

Cancer—Cont'd
patients, pelvic, urinary conduit in (Swan and Rutledge), 6
of uterine cervix, location of lymph node invasion in: Study of 140 cases treated at Curie Foundation (Pilleron, Durand, and Hamelin), 453
prognostic value of node metastasis in (Pilleron, Durand, and Hamelin), 458
Carbohydrate metabolism in previable fetal death (Goldman), 1083
Carbon dioxide elevation, effect of, on renal blood flow in fetal lamb in utero (Beguin, Dunnihoo, and Quilligan), 630
Carcinoma, cervical, sexual dysfunction after therapy for (Abitbol and Davenport), 181
of cervix, consumer control of (Lewis), 669
squamous cell, malignancy of uterine corpus following irradiation therapy for (Fehr and Prem), 685
Stage I, effect of radiation therapy on pelvic lymph node involvement in (Lagasse et al.), 328
endometrial, acceptable yearly screening device for (Muenzer et al.), 31
associated with Sheehan's syndrome and stilbestrol therapy (Reid and Shirley), 264 (Comm. in brief)
histopathologic analysis of preoperative radiation therapy in (Silverberg and DeGiorgi), 698
invasive, of vulva (Figge and Gaudenz), 382
in situ of cervix after amethopterin therapy (Ringrose), 1132 (Comm. in brief)
verrucous, of female genital tract (Lucas, Benirschke, and Lebherz), 435
Cardiotocograms, abnormal antepartum, in patients with placental insufficiency (Tushuizen, Stoot, and Ubachs), 638
Cauterization, laparoscopic tubal, and intrauterine contraceptive device, tuboovarian abscess associated with (Wright), 1133 (Comm. in brief)
Cavity, peritoneal, lymphatic drainage of, and its significance in ovarian cancer (Feldman and Knapp), 991 (Current opinion)
Cell(s) carcinoma of cervix, squamous, malignancy of uterine corpus following irradiation therapy for (Fehr and Prem), 685
clear-, adenocarcinoma of vagina and cervix in girls: Analysis of 170 Registry cases (Herbst et al.), 713 (Current developments)
fluorescent staining of, for presence of Y chromatin, prenatal sex determination by (Manuel, Park, and Jones), 853 (Comm. in brief)
granulosa-theca, tumor, estrogen excretion in case of (Targett), 859 (Comm. in brief)
human tumor, immune cytolysis of, mediated by xenogeneic "immune" ribonucleic acid: Implications for immunotherapy (Veltman, Kern, and Pilch), 959
rat uterine adenocarcinoma, in tissue culture, effects of hormones and chemotherapeutic agents on (Sekiya, Kikuchi, and Takamizawa), 675
Central Association of Obstetricians and Gynecologists, transactions, forty-first annual meeting, 1-130, 139-155
Cerebral venous/venous sinus thrombosis during puerperium, study of serum lipid and blood fibrinolytic activity in cases of (Bansal et al.), 1079
Cervical cancer, bladder or rectal injury following radiation therapy for (van Nagell et al.), 727
carcinoma, sexual dysfunction after therapy for (Abitbol and Davenport), 181
cytology, repeated, estimation of screening error rate from observed detection rates in (Coppleson and Brown), 953
dilatation, use of laminaria tents for, prior to vacuum aspiration abortion (Golditch and Glasser), 481
neoplasia, intraepithelial, in women using intrauterine devices and long-acting injectable progestogens as contraceptives (Dabancens et al.), 1052
Cervical—Cont'd
perforation by Copper T intrauterine contraceptive device (Cederqvist and Fuchs), 854 (Comm. in brief)
Cervicovaginal fistula: Apparent increased incidence with prostaglandin $F_{2\alpha}$ (Lowensohn and Ballard), 1057
Cervix, carcinoma of, consumer control of (Lewis), 669
in situ of, after amethopterin therapy (Ringrose), 1132 (Comm. in brief)
squamous cell carcinoma of, malignancy of uterine corpus following irradiation therapy for (Fehr and Prem), 685
Stage I carcinoma of, effect of radiation therapy on pelvic lymph node involvement in (Lagasse et al.), 328
uterine, cancer of, location of lymph node invasion in: Study of 140 cases treated at Curie Foundation (Pilleron, Durand, and Hamelin), 453
prognostic value of node metastasis in (Pilleron, Durand, and Hamelin), 458
vagina and, clear-cell adenocarcinoma of, in girls: Analysis of 170 Registry cases (Herbst et al.), 713 (Current developments)
Cesarean section, late hemorrhage following (Ross and Galliford), 858 (Comm. in brief)
Change, time for (McLennan), 277
Characteristics, physical, of gravida and association with birth weight and perinatal death (Niswander and Jackson), 306
Charring method, simple, quantitation of lecithin/sphingomyelin ratio in amniotic fluid by (Sgoutas and Jones), 929
Chemical closure of Fallopian tubes in monkey, further studies on (Neuwirth, Ryu, and Richart), 463
Chemically defined medium, reversal of amniotic fluid bacterial growth inhibition by addition of, II. Bacterial growth inhibition by amniotic fluid (Larsen, Snyder, and Galask), 497
Chemotherapeutic agents, hormones and, effects of, on rat uterine adenocarcinoma cells in tissue culture (Sekiya, Kikuchi, and Takamizawa), 675
Cholestasis, intrahepatic, of pregnancy, effect of phenobarbital on (Espinoza, Barnafi, and Schnaidt), 234
Cholestatic jaundice, benign, of pregnancy and benign cholestatic jaundice from oral contraceptives (Drill), 165
Chorionic gonadotropin, human, clinical use of solid-phase radioimmunoassay specific for (Kosasa et al.), 784
(HCG), administration, serum testosterone concentrations in women throughout menstrual cycle and following (Goebelsmann et al.), 445
serum human, serum estradiol-17β and, in patients with hydatidiform moles (Dawood, Ratnam, and Teoh), 904
somatomammotropin secretion, human, effects of acute alterations in maternal free fatty acid concentration on (Morris, Vinik, and Mulvihal), 224
Chromatin, Y, fluorescent staining of cells for presence of, prenatal sex determination by (Manuel, Park, and Jones), 853 (Comm. in brief)
Chromosome, Y, autosome/, translocation, gonadal tumor and, apparent pseudopuberty in phenotypic female with (Park et al.), 661
Classic pages, 137, 263, 418, 563, 712, 852, 995, 1125
Clear-cell adenocarcinoma of vagina and cervix in girls: Analysis of 170 Registry cases (Herbst et al.), 713 (Current developments)
Clinical experience with amniotic fluid lecithin/sphingomyelin ratio. II. L/S ratio in "stressed pregnancies," (Freeman et al.), 239
and pathologic review of ovarian stromal hyperplasia and possible relationship to common diseases of female reproductive system (Stearns, Sneeden, and Fearl), 375

Closure, chemical, of Fallopian tubes in monkey, further studies on (Neuwirth, Ryu, and Richart), 463
Coagulation, blood, progestational agents and. V. Changes induced by sequential oral contraceptive therapy (Mink et al.), 401
VI. Relationship of ABO blood types to changes induced by oral contraceptives (Lillie and Mink), 406
studies during second-trimester abortions induced by $PGF_{2\alpha}$ (Phillips, Mohajer-Shojai, and Dillon), 577
Communications in brief, 264-272, 564-572, 853-861, 1126-1134
Computer diagnosis of labor progression. III. Dysfunctional labor patterns in very elderly gravida (Sokol et al.), 767
Concentration(s), erythrocyte 2,3-diphosphoglycerate, in umbilical venous blood from normal and meconium-stained neonates (Morriss and Brumley), 988 (Current investigation)
fatty acid composition and, of lecithin in acetone fraction of amniotic fluid phospholipids (Roux, Nakamura, and Frosolono), 838
fluoride, in human placenta and maternal and cord blood (Shen and Taves), 205
of free amino acids in human amniotic fluid during normal and abnormal pregnancies (Kang and Scanlon), 603
glucose, in amniotic fluid: Its possible significance in diabetic pregnancy (Archimaut et al.), 596
maternal and fetal fluorometabolite, after exposure to methoxyflurane (Fry and Taves), 199
free fatty acid, effects of acute alterations in, on human chorionic somatomammotropin secretion (Morris, Vinik, and Mulvihal), 224
progesterone, in sera of patients with intact and aborted hydatidiform moles (Dawood), 911
serum, of β-melanocyte–stimulating hormone in human pregnancy (Ances and Pomerantz), 1062
serum testosterone, in women throughout menstrual cycle and following HCG administration (Goebelsmann et al.), 445
Conduit, urinary, in pelvic cancer patients (Swan and Rutledge), 6
Condyloma acuminatum, podophyllin poisoning associated with treatment of: Case report (Montaldi et al.), 1130 (Comm. in brief)
Consumer control of carcinoma of cervix (Lewis), 669
Contraception, intrauterine, in multiparas with Dalkon Shield (Ostergard), 1033
Contraceptive(s). Demulen, oral, change in glucose and insulin after six months' treatment with (Spellacy et al.), 266 (Comm. in brief)
device, Copper T intrauterine, cervical perforation by (Cederqvist and Fuchs), 854 (Comm. in brief)
experience with three different models of, in nulliparous women (Roy, Cooper, and Mishell), 414 (Current investigation)
insertion, intrauterine, electrocardiographic changes during (Sherrod and Nicholl), 1044
(IUD), in situ, and pregnancy outcome (Shine and Thompson), 124
laparoscopic tubal cauterization and, tuboovarian abscess associated with (Wright), 1133 (Comm. in brief)
squamous metaplasia of endometrium in women with: Follow-up study (Lane et al.), 693
intrauterine devices and long-acting injectable progestogens as, intraepithelial cervical neoplasia in women using (Dabancens et al.), 1052
oral, benign cholestatic jaundice from, and benign cholestatic jaundice of pregnancy (Drill), 165
relationship of ABO blood types to changes induced by, VI. Progestational agents and blood coagulation (Lillie and Mink), 406
Contraceptive(s)—Cont'd
therapy, sequential oral, changes induced by, V. Progestational agents and blood coagulation (Mink et al.), 401
use-effectiveness of six-month injections of DMPA as (McDaniel and Pardthaisong), 175
Copper T intrauterine contraceptive device, cervical perforation by (Cederqvist and Fuchs), 854 (Comm. in brief)
experience with three different models of, in nulliparous women (Roy, Cooper, and Mishell), 414 (Current investigation)
Cord blood, cortisol and cortisone levels in, at delivery of infants with and without respiratory distress syndrome (Murphy), 1112
maternal and, fluoride concentrations in human placenta and (Shen and Taves), 205
Corpus, uterine, malignancy of, following irradiation therapy for squamous cell carcinoma of cervix (Fehr and Prem), 685
Correspondence, 273-275, 573-575, 862-865, 1135-1139
Cortisol and ACTH, on regulation of estrogen production by, in human pregnancy at term (Simmer et al.), 283
and cortisone levels in cord blood at delivery of infants with and without respiratory distress syndrome (Murphy), 1112
estrone, estradiol, estriol, and progesterone, plasma, in normal labor (Okada et al.), 502
variations, blood, during late pregnancy and labor (Jolivet, Blanchier, and Gautray), 775
Cortisone levels, cortisol and, in cord blood at delivery of infants with and with respiratory distress syndrome (Murphy), 1112
Count, blood, during ovarian cycle (Mettler and Shirwani), 1038
Culdotomy: Method of evaluating pelvis (Hofmeister), 39
Culture(s), mixed, of fetal and adult lymphocytes (Ohama and Kajii), 552
tissue, rat uterine adenocarcinoma cells in, effects of hormones and chemotherapeutic agents on (Sekiya, Kikuchi, and Takamizawa), 675
Curettage as office procedure (Sandmire and Austin), 82
rigid metal, dilatation and, dilatation and vacuum aspiration versus effectiveness and complications of abortion by (Edelman, Brenner, and Berger), 473
Curie Foundation, study of 140 cases treated at: Location of lymph node invasion in cancer of uterine cervix (Pilleron, Durand, and Hamelin), 453
Current developments, 419-433, 713-724, 996-1008
investigation, 411-417, 988-990
opinion, 131-136, 705-711, 991-994
Cycle, human menstrual, comparison of patterns of androstenedione, progesterone, and estradiol during (Ribeiro, Mishell, and Thorneycroft), 1026
menstrual, serum testosterone concentrations in women throughout, and following HCG administration (Goebelsmann et al.), 445
normal human menstrual, transient decline in serum progesterone levels during prostaglandin $F_{2\alpha}$ infusion in midluteal phase of (Coudert, Winter, and Faiman), 755
ovarian, blood count during (Mettler and Shirwani), 1038
Cyst, atypical bleeding, functional, in rudimentary streak gonads, gonadal dysgenesis with (McDonough and Tho), 565 (Comm. in brief)
Cytogenetics of fifty patients with primary amenorrhea (Sarto), 14
Cytology, repeated cervical, estimation of screening error rate for observed detection rates in (Coppleson and Brown), 953
Cytolysis, immune, of human tumor cells mediated by xenogeneic "immune" ribonucleic acid: Implications for immunotherapy (Veltman, Kern, and Pilch), 959

D

Dalkon Shield, intrauterine contraception in multiparas with (Ostergard), 1033
Death(s), maternal, associated with intrauterine device (Christian), 441
due to stroke (Gibbs), 69
perinatal, birth weight and, physical characteristics of gravida and association with (Niswander and Jackson), 306
previable fetal, carbohydrate metabolism in (Goldman), 1083
Deceleration patterns, fetal heart rate, programmed identification of (Chik et al.), 816
Decidual changes during hypertonic saline–induced abortion (Vassilakos, Wyss, and Šťastný), 889
Definitive recognition of intestinal disease from suspected gynecologic process, importance of (White, Cohen, and Taube), 104
Delivery of infants with and without respiratory distress syndrome, cortisol and cortisone levels in cord blood at (Murphy), 1112
Demulen, oral contraceptive, change in glucose and insulin after six months' treatment with (Spellacy et al.), 266 (Comm. in brief)
Developmental sequelae in infants having suffered severe perinatal asphyxia (Dweck et al.), 811
Device(s), acceptable yearly screening, for endometrial carcinoma (Muenzer et al.), 31
Copper T intrauterine contraceptive, cervical perforation by (Cederqvist and Fuchs), 854 (Comm. in brief)
experience with three different models of, in nulliparous women (Roy, Cooper, and Mishell), 414 (Current investigation)
insertion, intrauterine contraceptive, electrocardiographic changes during (Sherrod and Nicholl), 1044
intrauterine contraceptive (IUD), in situ, and pregnancy outcome (Shine and Thompson), 124
laparoscopic tubal cauterization and, tuboovarian abscess associated with (Wright), 1133 (Comm. in brief)
squamous metaplasia of endometrium in women with: Follow-up study (Lane et al.), 693
and long-acting injectable progestogens as contraceptives, intraepithelial cervical neoplasia in women using (Dabancens et al.), 1052
maternal deaths associated with (Christian), 441
Diabetes, gestational, management of (Stallone and Ziel), 1091
Diabetic, drug-abuse, and normal pregnancy, studies of human amniotic fluid phospholipids in (Singh, Mejia, and Zuspan), 623
pregnancy, its possible significance in: Glucose concentration in amniotic fluid (Archimaut et al.), 596
Diagnosis, antenatal, of some fetal abnormalities, amniotic fluid proteins in (Higa et al.), 932
computer, of labor progression. III. Dysfunctional labor patterns in very elderly gravida (Sokol et al.), 767
of fetal maturation, determination of amniotic fluid phospholipids for (Nakamura and Roux), 104
of Rokitansky-Küster-Hauser syndrome, important tool in: Laparoscopy (Casthely, Maheswaran, and Levy), 571 (Comm. in brief)
Diagnostic significance of LH-releasing hormone test in patients with amenorrhea (Aono et al.), 740
Dialysates, posthemodialysis, of patients with toxemia of pregnancy, pressor substances in (Vorne et al.), 610
Diamine oxidase, serum, family with high activity of (Gennser, Söderberg, and Tryding), 1128 (Comm. in brief)
Diesterase, detection of, in endometrial material from normal women (Calamera, Nicholson, and Procaccini), 411 (Current investigation)
Dilatation and vacuum aspiration versus dilatation and rigid metal curettage, effectiveness and complications of abortion by (Edelman, Brenner, and Berger), 473
cervical, use of laminaria tents for, prior to vacuum aspiration abortion (Golditch and Glasser), 481
Dioxide elevation, carbon, effect of, on renal blood flow in fetal lamb in utero (Beguin, Dunnihoo, and Quilligan), 630
Diphosphoglycerate, 2,-3, concentrations, erythrocyte, in umbilical venous blood from normal and meconium-stained neonates (Morriss and Brumley), 988 (Current investigation)
Disease(s), common, of female reproductive system, clinical and pathologic review of ovarian stromal hyperplasia and possible relationship to (Stearns, Sneeden, and Fearl), 375
intestinal, importance of definitive recognition of, from suspected gynecologic process (White, Cohen, and Taube), 104
preinvasive, locally invasive, and disseminated, status in: Immunologic reactivity of female patients with genital cancer (Khoo and Mackay), 1018
Disseminated, preinvasive, and locally invasive disease, status in: Immunologic reactivity of female patients with genital cancer (Khoo and Mackay), 1018
Distress, fetal, rapid screening test for detection of alpha-1 fetoprotein as indicator of (Cahill, Cohen, and Starkovsky), 1095
neonatal respiratory, amniotic fluid bubble stability test as screening procedure for predicting risk of (Sproule, Greene, and Whitfield), 653
syndrome, respiratory, amniotic fluid shake test versus lecithin/sphingomyelin ratio in antenatal prediction of (Mukherjee et al.), 648
cortisol and cortisone levels in cord blood at delivery of infants with and without (Murphy), 1112
DMPA, use-effectiveness of six-month injections of, as contraceptive (McDaniel and Pardthaisong), 175
Double uterus, bicornuate and, familial (Polishuk and Ron), 982
Drainage, lymphatic, of peritoneal cavity and its significance in ovarian cancer (Feldman and Knapp), 991 (Current opinion)
Dri-Dot test, Pregnosticon, evaluation of, in early pregnancy (Edelman et al.), 521
Drug-abuse, normal, and diabetic pregnancy, studies of human amniotic fluid phospholipids in (Singh, Mejia, and Zuspan), 623
Dysfunctional labor patterns in very elderly gravida, III. Computer diagnosis of labor progression (Sokol et al.), 767
Dysgenesis, gonadal, with atypical bleeding, functional cyst in rudimentary streak gonads (McDonough and Tho), 565 (Comm. in brief)

E

E_1, prostaglandin, metabolism, absence of, in hydatidiform mole (Alam et al.), 1131 (Comm. in brief)
Eclampsia, pregnancy after (López-Llera and Horta), 193
Education, medical, experiment in (Kirschbaum), 320
EEG sleep stages, fetal, and physiologic variability (Mann, Duchin, and Weiss), 533
Elderly gravida, very, dysfunctional labor patterns in, III. Computer diagnosis of labor progression (Sokol et al.), 767
Elective abdominal hysterectomy, prophylactic antibiotics in (Rosenheim), 335
Electrocardiographic changes during intrauterine contraceptive device insertion (Sherrod and Nicholl), 1044
Electroencephalogram (EEG) sleep stages, fetal, and physiologic variability (Mann, Duchin, and Weiss), 533

Electron microscopy, scanning, spectrum of antibacterial activity of human amniotic fluid determined by (Larsen, Schlievert, and Galask), 895
Elevated amniotic fluid alpha fetoprotein in fetal hydrocephaly (Seppälä and Unnérus), 270 (Comm. in brief)
Embolism, experimental amniotic fluid, in rabbits (Spence and Mason), 1073
Embryocidal action of bis(dichloroacetyl)diamine: Oral abortifacient for rats (Oster, Salgo, and Taleporos), 583
Endocrine functions of human fetus and placenta (Diczfalusy), 419 (Current developments)
Endometrial carcinoma, acceptable yearly screening device for (Muenzer et al.), 31
associated with Sheehan's syndrome and stilbestrol therapy (Reid and Shirley), 264 (Comm. in brief)
histopathologic analysis of preoperative radiation therapy in (Silverberg and DeGiorgi), 698
material from normal women, detection of diesterase in (Calamera, Nicholson, and Procaccini), 411 (Current investigation)
Endometrium, squamous metaplasia of, in women with intrauterine contraceptive device: Follow-up study (Lane et al.), 693
Enzymes, lysosomal, of amniotic fluid in relation to gestational age (Butterworth et al.), 821
Epidaurus, return to (Decker), 1
Epidural analgesia, effect of, upon fetal and neonatal status (Wingate et al.), 1101
Epispadias and bladder exstrophy, gynecologic complications of (Stanton), 749
Erythrocyte 2,3-diphosphoglycerate concentrations in umbilical venous blood from normal and meconium-stained neonates (Morriss and Brumley), 988 (Current investigation)
Estradiol, androstenedione, and progesterone, comparison of patterns of, during human menstrual cycle (Ribeiro, Mishell, and Thorneycroft), 1026
estriol, progesterone, cortisol, and estrone, plasma, in normal labor (Okada et al.), 502
serum, urinary estriol and, effect of ampicillin administration on, in normal pregnant patient (Boehm, DiPietro, and Goss), 98
-17β, serum, and serum human chorionic gonadotropin in patients with hydatidiform moles (Dawood, Ratnam, and Teoh), 904
Estriol, progesterone, cortisol, estrone, and estradiol, plasma, in normal labor (Okada et al.), 502
urinary, and serum estradiol, effect of ampicillin administration on, in normal pregnant patient (Boehm, DiPietro, and Goss), 98
Estrogen, effect of, on uterine blood flow and its distribution in nonpregnant ewes (Anderson and Hackshaw), 589
excretion in case of theca-granulosa cell tumor (Targett), 859 (Comm. in brief)
production, on regulation of, by cortisol and ACTH in human pregnancy at term (Simmer et al.), 283
Estrone, estradiol, estriol, progesterone, and cortisol, plasma, in normal labor (Okada et al.), 502
Excretion, estrogen, in case of theca-granulosa cell tumor (Targett), 859 (Comm. in brief)
urinary mucopolysaccharide, effect of pregnancy upon (Thompson, de Vries, and Ledger), 1069
Experimental amniotic fluid embolism in rabbits (Spence and Mason), 1073
Exposure to methoxyflurane, maternal and fetal fluorometabolite concentrations after (Fry and Taves), 199
Exstrophy, bladder, epispadias and, gynecologic complications of (Stanton), 749

F

$F_{2\alpha}$ infusion, prostaglandin, transient decline in serum progesterone levels during, in midluteal phase of normal human menstrual cycle (Coudert, Winter, and Faiman), 755
intra-amniotic prostaglandin, laminaria and, for induction of mid-trimester abortions (Golbus), 569 (Comm. in brief)
mid-trimester abortion induced by: Fetal tissue viability (Golbus and Erickson), 268 (Comm. in brief)
prostaglandin, apparent increased incidence with: Cervicovaginal fistula (Lowensohn and Ballard), 1057
($PGF_{2\alpha}$), coagulation studies during second-trimester abortions induced by (Phillips, Mohajer-Shojai, and Dillon), 577
Fallopian tube(s), chemical closure of, in monkey, further studies on (Neuwirth, Ryu, and Richart), 463
human, binding of progesterone in (Kumra et al.), 762
Familial bicornuate and double uterus (Polishuk and Ron), 982
Family with high activity of serum diamine oxidase (Gennser, Söderberg, and Tryding), 1128 (Comm. in brief)
Fatty acid composition and concentration of lecithin in acetone fraction of amniotic fluid phospholipids (Roux, Nakamura, and Frosolono), 838
concentration, maternal free, effects of acute alterations in, on human chorionic somatomammotropin secretion (Morris, Vinik, and Mulvihal), 224
Feminization, testicular, syndrome, studies on luteinizing hormone– and follicle-stimulating hormone–releasing mechanism in (Zárate et al.), 971
Fetal abnormalities, some, amniotic fluid proteins in antenatal diagnosis of (Higa et al.), 932
and adult lymphocytes, mixed cultures of (Ohama and Kajii), 552
blood sampling, fetoscopy and: Percutaneous approach (Patrick, Perry, and Kinch), 539
death, previable, carbohydrate metabolism in (Goldman), 1083
distress, rapid screening test for detection of alpha-1 fetoprotein as indicator of (Cahill, Cohen, and Starkovsky), 1095
EEG sleep stages and physiologic variability (Mann, Duchin, and Weiss), 533
fluorometabolite concentrations, maternal and, after exposure to methoxyflurane (Fry and Taves), 199
heart rate deceleration patterns, programmed identification of (Chik et al.), 816
hydrocephaly, elevated amniotic fluid alpha fetoprotein in (Seppälä and Unnérus), 270 (Comm. in brief)
infection, intrauterine, with *Brucella melitensis* as possible cause of second-trimester abortion (Sarram et al.), 657
lamb in utero, effect of carbon dioxide elevation on renal blood flow in (Beguin, Dunnihoo, and Quilligan), 630
maternal–, parabiosis, hemodynamic effects of (Jackson, Piasecki, and Novy), 567 (Comm. in brief)
maturation, determination of amniotic fluid phospholipids for diagnosis of (Nakamura and Roux), 104
maturity, amniotic fluid tests for (Doran et al.), 829
monitoring, internal, puerperal morbidity and (Wiechetek, Horiguchi, and Dillon), 230
multiphasic (Goodlin and Lowe), 341
and neonatal status, effect of epidural analgesia upon (Wingate et al.), 1101
observation, use of laparoamnioscope for, and its effect on human fetus (Wheeless), 844
phagocytic response, human, modification of, by promethazine hydrochloride (Gusdon et al.), 543
pulmonary maturity, determination of, by amniotic fluid lecithin/sphingomyelin ratio and rapid shake test (Merola et al.), 243

Fetal pulmonary maturity—Cont'd
foam test as prognosticator of (Rothbard and De Jesus), 924
surfactant induction by bromhexine metabolite VIII (Lorenz et al.), 1126 (Comm. in brief)
rhesus monkeys, respiratory movements in (Martin et al.), 939
tissue viability: Mid-trimester abortion induced by intra-amniotic prostaglandin $F_{2\alpha}$ (Golbus and Erickson), 268 (Comm. in brief)
Fetoprotein, alpha-1, rapid screening test for detection of, as indicator of fetal distress (Cahill, Cohen, and Starkovsky), 1095
elevated amniotic fluid alpha, in fetal hydrocephaly (Seppälä and Unnérus), 270 (Comm. in brief)
Fetoscopy and fetal blood sampling: Percutaneous approach (Patrick, Perry, and Kinch), 539
Fetus, destructive operations on (Smale), 369
human, use of laparoamnioscope for fetal observation and its effect on (Wheeless), 844
and placenta, human, endocrine functions of (Diczfalusy), 419 (Current developments)
Fibrinolytic, blood, activity, serum lipid and, study of, in cases of cerebral venous/venous sinus thrombosis during puerperium (Bansal et al.), 1079
Fibrous histiocytoma, malignant, of vagina (Webb, Symmonds, and Weiland), 190
Fiji and Western Samoa, birth weight in: Pacific prescription for pregnancy? (Rosa), 1121
Fistula, cervicovaginal: Apparent increased incidence with prostaglandin $F_{2\alpha}$ (Lowensohn and Ballard), 1057
Fitness, physical, in pregnancy: Its effect on pregnancy outcome (Pomerance, Gluck, and Lynch), 867
Flow, renal blood, in fetal lamb in utero, effect of carbon dioxide elevation on (Beguin, Dunnihoo, and Quilligan), 630
umbilical blood, in late gestation: Comparison of simultaneous measurements with two different techniques (Clapp et al.), 919
uterine blood, and its distribution, effect of estrogen on, in nonpregnant ewes (Anderson and Hackshaw), 589
Fluid alpha fetoprotein, elevated amniotic, in fetal hydrocephaly (Seppälä and Unnérus), 270 (Comm. in brief)
amniotic, bacterial growth inhibition by. I. In vitro evidence for bacterial growth-inhibiting activity (Larsen, Snyder, and Galask), 492
II. Reversal of amniotic fluid bacterial growth inhibition by addition of chemically defined medium (Larsen, Snyder, and Galask), 497
glucose concentration in: Its possible significance in diabetic pregnancy (Archimaut et al.), 596
IgG levels in (Gadow, Floriani, and Florin), 849
lysosomal enzymes of, in relation to gestational age (Butterworth et al.), 821
and maternal serum in pregnancy, composition of (Benzie et al.), 798
bubble stability test, amniotic, as screening procedure for predicting risk of neonatal respiratory distress (Sproule, Greene, and Whitfield), 653
concentrations, human amniotic, of free amino acids in, during normal and abnormal pregnancies (Kang and Scanlon), 603
embolism, experimental amniotic, in rabbits (Spence and Mason), 1073
lecithin/sphingomyelin ratio, amniotic, clinical experience with. II. L/S ratio in "stressed pregnancies," (Freeman et al.), 239
quantitation of, by simple charring method (Sgoutas and Jones), 929
and rapid shake test, determination of fetal pulmonary maturity by (Merola et al.), 243
Fluid—Cont'd
phospholipids, amniotic, acetone fraction of, fatty acid composition and concentration of lecithin in (Roux, Nakamura, and Frosolono), 838
determination of, for diagnosis of fetal maturation (Nakamura and Roux), 104
human amniotic, studies of, in normal, diabetic, and drug-abuse pregnancy (Singh, Mejia, and Zuspan), 623
protein, amniotic, in antenatal diagnosis of some fetal abnormalities (Higa et al.), 932
shake test, amniotic, versus lecithin/sphingomyelin ratio in antenatal prediction of respiratory distress syndrome (Mukherjee et al.), 648
spectrum, human amniotic, of antibacterial activity of, determined by scanning electron microscopy (Larsen, Schlievert, and Galask), 895
tests, amniotic, for fetal maturity (Doran et al.), 829
Fluorescent staining of cells for presence of Y chromatin, prenatal sex determination by (Manuel, Park, and Jones), 853 (Comm. in brief)
Fluoride concentrations in human placenta and maternal and cord blood (Shen and Taves), 205
Fluorometabolite concentrations, maternal and fetal, after exposure to methoxyflurane (Fry and Taves), 199
Foam test as prognosticator of fetal pulmonary maturity (Rothbard and De Jesus), 924
Follicle-stimulating hormone–, luteinizing hormone– and, releasing mechanism, studies on, in testicular feminization syndrome (Zárate et al.), 971
Free amino acids, concentrations of, in human amniotic fluid during normal and abnormal pregnancies (Kang and Scanlon), 603
fatty acid concentration, maternal, effects of acute alterations in, on human chorionic somatomammotropin secretion (Morris, Vinik, and Mulvihal), 224

G

G, immunoglobulin (IgG), levels in amniotic fluid (Gadow, Floriani, and Florin), 849
Genital cancer, immunologic reactivity of female patients with: Status in preinvasive, locally invasive, and disseminated disease (Khoo and Mackay), 1018
prolapse, neonatal, Penrose pessary mangaement of (Dixon, Acosta, and Young), 855 (Comm. in brief)
tract, female, verrucous carcinoma of (Lucas, Benirschke, and Lebherz), 435
Gestation, late, umbilical blood flow in: Comparison of simultaneous measurements with two different techniques (Clapp et al.), 919
maternal mumps infection during: Observations on progeny (Monif), 549
Gestational age, lysosomal enzymes of amniotic fluid in relation to (Butterworth et al.), 821
diabetes, management of (Stallone and Ziel), 1091
Glucose concentration in amniotic fluid: Its possible significance in diabetic pregnancy (Archimaut et al.), 596
and insulin, change in, after six months' treatment with oral contraceptive Demulen (Spellacy et al.), 266 (Comm. in brief)
Gonadal dysgenesis with atypical bleeding, functional cyst in rudimentary streak gonads (McDonough and Tho), 565 (Comm. in brief)
tumor and autosome/Y chromosome translocation, apparent pseudopuberty in phenotypic female with (Park et al.), 661
Gonadotropin, human chorionic, clinical use of solid-phase radioimmunoassay specific for (Kosasa et al.), 784
(HCG), administration, serum testosterone concentrations in women throughout menstrual cycle and following (Goebelsmann et al.), 445

Gonadotropin—Cont'd
serum human chorionic, serum estradiol-17β and, in patients with hydatidiform moles (Dawood, Ratnam, and Teoh), 904
Gonads, rudimentary streak, gonadal dysgenesis with atypical bleeding, functional cyst in (McDonough and Tho), 565 (Comm. in brief)
Granulosa, theca-, cell tumor, estrogen excretion in case of (Targett), 859 (Comm. in brief)
Gravida, physical characteristics of, and association with birth weight and perinatal death (Niswander and Jackson), 306
very elderly, dysfunctional labor patterns in, III. Computer diagnosis of labor progression (Sokol et al.), 767
Gravlee Jet Washer, use of, in routine screening of asymptomatic postmenopausal women (Dibona and Knab), 681
Growth inhibition, bacterial, by amniotic fluid. I. In vitro evidence for bacterial growth-inhibiting activity (Larsen, Snyder, and Galask), 492
II. Reversal of amniotic fluid bacterial growth inhibition by addition of chemically defined medium (Larsen, Snyder, and Galask), 497
Gynecologic complications of epispadias and bladder exstrophy (Stanton), 749
process, suspected, importance of definitive recognition of intestinal disease from (White, Cohen, and Taube), 104
Gynecologists, obstetricians and, Board-certified, current practices of, in United States (Randall), 156

H

HCG administration, serum testosterone concentrations in women throughout menstrual cycle and following (Goebelsmann et al.), 445
Head, hyperextension of, in breech presentation (Daw), 564 (Comm. in brief)
Heart rate deceleration patterns, fetal, programmed identification of (Chik et al.), 816
Hemodialysis (post-) dialysates of patients with toxemia of pregnancy, pressor substances in (Vorne et al.), 610
Hemodynamic effects of maternal-fetal parabiosis (Jackson, Piasecki, and Novy), 567 (Comm. in brief)
Hemolytic anemia, microangiopathic, in severe pre-eclampsia (Vardi and Fields), 617
Hemorrhage, late, following cesarean section (Ross and Galliford), 858 (Comm. in brief)
Herpesvirus infections in pregnancy: Comparison of neutralizing antibody titers in mothers and their infants (Smith and Hanna), 314
Histiocytoma, malignant fibrous, of vagina (Webb, Symmonds, and Weiland), 190
Histopathologic analysis of preoperative radiation therapy in endometrial carcinoma (Silverberg and DeGiorgi), 698
Hormone(s) and chemotherapeutic agents, effects of, on rat uterine adenocarcinoma cells in tissue culture (Sekiya, Kikuchi, and Takamizawa), 675
(LH), luteinizing, -releasing hormone test, diagnostic significance of, in patients with amenorrhea (Aono et al.), 740
luteinizing, and follicle-stimulating hormone-releasing mechanism, studies on, in testicular feminization syndrome (Zárate et al.), 971
β-melanocyte-stimulating, serum concentrations of, in human pregnancy (Ances and Pomerantz), 1062
Hospital, metropolitan community, fourteen-year survey in: Perinatal mortality rates (Franklin), 297
Hydatidiform mole(s), absence of prostaglandin E_1 metabolism in (Alam et al.), 1131 (Comm. in brief)
intact and aborted, progesterone concentrations in sera of patients with (Dawood), 911
Hydatidiform mole(s)—Cont'd
serum estradiol-17β and serum human chorionic gonadotropin in patients with (Dawood, Ratnam, and Teoh), 904
Hydrocephaly, fetal, elevated amniotic fluid alpha fetoprotein in (Seppälä and Unnérus), 270 (Comm. in brief)
Hydrochloride, promethazine, modification of human fetal phagocytic response by (Gusdon et al.), 543
quinacrine, toxic and antifertility effects of, in rats (Joseph and Kincl), 978
Hyperextension of head in breech presentation (Daw), 564 (Comm. in brief)
Hyperplasia, ovarian stromal, and possible relationship to common diseases of female reproductive system, clinical and pathologic review of (Stearns, Sneeden, and Fearl), 375
Hyperthyroidism during pregnancy (Worley and Crosby, 150
Hypertonic saline-induced abortion, decidual changes during (Vassilakos, Wyss, and Šťastný), 889
intra-amniotic injection of, morphologic changes of uterine wall following, in rhesus monkey (Myers et al.), 877
Hysterectomy, elective abdominal, prophylactic antibiotics in (Rosenheim), 335
incidence of unsuspected asymptomatic thrombophlebitis of pelvic veins associated with (Hayden), 396
postpartum, for sterilization (Bazley and Crisp), 139
total, pregnancy following (Niebyl), 512
and tubal ligation: Comparison of psychological aftermath (Hampton and Tarnasky), 949

I

IgG levels in amniotic fluid (Gadow, Floriani, and Florin), 849
Immune cytolysis of human tumor cells mediated by xenogeneic "immune" ribonucleic acid: Implications for immunotherapy (Veltman, Kern, and Pilch), 959
Immunoglobulin G (IgG) levels in amniotic fluid (Gadow, Floriani, and Florin), 849
Immunologic reactivity of female patients with genital cancer: Status in preinvasive, locally invasive, and disseminated disease (Khoo and Mackay), 1018
Immunotherapy, implications for: Immune cytolysis of human tumor cells mediated by xenogeneic "immune" ribonucleic acid (Veltman, Kern, and Pilch), 959
Inappropriate lactation, serum prolactin in patients with (Archer et al.), 466
Induced, hypertonic saline-, abortion, decidual changes during (Vassilakos, Wyss, and Šťastný), 889
by intra-amniotic prostaglandin $F_{2\alpha}$, mid-trimester abortion: Fetal tissue viability (Golbus and Erickson), 268 (Comm. in brief)
isoxsuprine-, alterations of pulmonary pressure-volume relationships in premature rabbits (Wyszogrodski, Taeusch, and Avery), 1107
Induction, fetal pulmonary surfactant, by bromhexine metabolite VIII (Lorenz et al.), 1126 (Comm. in brief)
of mid-trimester abortions, laminaria and intra-amniotic prostaglandin $F_{2\alpha}$ for (Golbus), 569 (Comm. in brief)
Infants having suffered severe perinatal asphyxia, developmental sequelae in (Dweck et al.), 811
their, mothers and, comparison of neutralizing antibody titers in: Herpesvirus infections in pregnancy (Smith and Hanna), 314
with and without respiratory distress syndrome, cortisol and cortisone levels in cord blood at delivery of (Murphy), 1112

Infection(s), herpesvirus, in pregnancy: Comparison of neutralizing antibody titers in mothers and their infants (Smith and Hanna), 314
intrauterine fetal, with *Brucella melitensis* as possible cause of second-trimester abortion (Sarram et al.), 657
maternal mumps, during gestation: Observations on progeny (Monif), 549
Infusion, prostaglandin $F_{2\alpha}$, transient decline in serum progesterone levels during, in midluteal phase of normal human menstrual cycle (Coudert, Winter, and Faiman), 755
Inhibition, bacterial growth, by amniotic fluid. I. In vitro evidence for bacterial growth–inhibiting activity (Larsen, Snyder, and Galask), 492
II. Reversal of amniotic fluid bacterial growth inhibition by addition of chemically defined medium (Larsen, Snyder, and Galask), 497
Injectable progestogens, long-acting, intrauterine devices and, as contraceptives, intraepithelial cervical neoplasia in women using (Dabancens et al.), 1052
Injection(s), intra-amniotic, of hypertonic saline, morphologic changes of uterine wall following, in rhesus monkey (Myers et al.), 877
six-month, of DMPA as contraceptive, use-effectiveness of (McDaniel and Pardthaisong), 175
Injury, bladder or rectal, following radiation therapy for cervical cancer (van Nagell et al.), 727
Instrument, new bipolar, for laparoscopic tubal sterilization (Rioux and Cloutier), 737
Insufficiency, placental, abnormal antepartum cardiotocograms in patients with (Tushuizen, Stoot, and Ubachs), 638
Insulin, change in glucose and, after six months' treatment with oral contraceptive Demulen (Spellacy et al.), 266 (Comm. in brief)
Integrated direct functional test of adenohypophysis (Rakoff et al.), 358
Internal fetal monitoring, puerperal morbidity and (Wiechetek, Horiguchi, and Dillon), 230
Intestinal disease, importance of definitive recognition of, from suspected gynecologic process (White, Cohen, and Taube), 104
Intra-amniotic injection of hypertonic saline, morphologic changes of uterine wall following, in rhesus monkey (Meyers et al.), 877
prostaglandin $F_{2\alpha}$, laminaria and, for induction of mid-trimester abortions (Golbus), 569 (Comm. in brief)
mid-trimester abortion induced by: Fetal tissue viability (Golbus and Erickson), 268 (Comm. in brief)
Intraepithelial cervical neoplasia in women using intrauterine devices and long-acting injectable progestogens as contraceptives (Dabancens et al.), 1052
Intrahepatic cholestasis of pregnancy, effect of phenobarbital on (Espinoza, Barnafi, and Schnaidt), 234
Intrauterine contraception in multiparas with Dalkon Shield (Ostergard), 1033
Intrauterine contraceptive device, Copper T, cervical perforation by (Cederqvist and Fuchs), 854 (Comm. in brief)
experience with three different models of, in nulliparous women (Roy, Cooper, and Mishell), 414 (Current investigation)
insertion, electrocardiographic changes during (Sherrod and Nicholl), 1044
(IUD), in situ, and pregnancy outcome (Shine and Thompson), 124
laparoscopic tubal cauterization and, tuboovarian abscess associated with (Wright), 1133 (Comm. in brief)
squamous metaplasia of endometrium in women with: Follow-up study (Lane et al.), 693
Intrauterine—Cont'd
device(s) and long-acting injectable progestogens as contraceptives, intraepithelial cervical neoplasia in women using (Dabancens et al.), 1052
maternal deaths associated with (Christian), 441
fetal infection with *Brucella melitensis* as possible cause of second-trimester abortion (Sarram et al.), 657
Invasion, lymph node, location of, in cancer of uterine cervix: Study of 140 cases treated at Curie Foundation (Pilleron, Durand, and Hamelin), 453
Invasive carcinoma of vulva (Figge and Gaudenz), 382
locally, disseminated, and preinvasive disease, status in: Immunologic reactivity of female patients with genital cancer (Khoo and Mackay), 1018
Irradiation therapy for squamous cell carcinoma of cervix, malignancy of uterine corpus following (Fehr and Prem), 685
Isoxsuprine-induced alterations of pulmonary pressure-volume relationships in premature rabbits (Wyszogrodski, Taeusch, and Avery), 1107
Items, 138, 434, 725-726, 1009-1012
IUD, in situ, and pregnancy outcome (Shine and Thompson), 124

J

Jaundice, benign cholestatic, of pregnancy and benign cholestatic jaundice from oral contraceptives (Drill), 165
Jet Washer, Gravlee, use of, in routine screening of asymptomatic postmenopausal women (Dibona and Knab), 681

L

Labor, antibody transfer during (Turmero T.), 486
human pregnancy and, plasma oxytocin levels during, as determined by radioimmunoassay (Kumaresan et al.), 215
late pregnancy and, blood cortisol variations during (Jolivet, Blanchier, and Gautray), 775
normal, plasma estrone, estradiol, estriol, progesterone, and cortisol in (Okada et al.), 502
progression, computer diagnosis of. III. Dysfunctional labor patterns in very elderly gravida (Sokol et al.), 767
Lactation, inappropriate, serum prolactin in patients with (Archer et al.), 466
Laminaria and intra-amniotic prostaglandin $F_{2\alpha}$ for induction of mid-trimester abortions (Golbus), 569 (Comm. in brief)
tents, use of, for cervical dilatation prior to vacuum aspiration abortion (Golditch and Glasser), 481
Laparoamnioscope, use of, for fetal observation and its effect on human fetus (Wheeless), 844
Laparoscopic sterilization under local anesthesia (Penfield), 733
tubal cauterization and intrauterine contraceptive device, tuboovarian abscess associated with (Wright), 1133 (Comm. in brief)
sterilization, new bipolar instrument for (Rioux and Cloutier), 737
vision, ovarian biopsy under, bleeding after (Esposito and Rubino), 857 (Comm. in brief)
Laparoscopy: Important tool in diagnosis of Rokitansky-Küster-Hauser syndrome (Casthely, Maheswaran, and Levy), 571 (Comm. in brief)
Lead values, blood, in pregnant women and their offspring (Gershanik, Brooks, and Little), 508
Lecithin, fatty acid composition and concentration of, in acetone fraction of amniotic fluid phospholipids (Roux, Nakamura, and Frosolono), 838

Lecithin—Cont'd
/sphingomyelin ratio, amniotic fluid, clinical experience with. II. L/S ratio in "stressed pregnancies," (Freeman et al.), 239
quantitation of, by simple charring method (Sgoutas and Jones), 929
and rapid shake test, determination of fetal pulmonary maturity by (Merola et al.), 243
shake test versus, in antenatal prediction of respiratory distress syndrome (Mukherjee et al.), 648
Lesions, premalignant and malignant, of vulva, treatment of (Dean et al.), 59
LH-releasing hormone test, diagnostic significance of, in patients with amenorrhea (Aono et al.), 740
Ligation, tubal, hysterectomy and: Comparison of psychological aftermath (Hampton and Tarnasky), 949
Lipid, serum, and blood fibrinolytic activity, study of, in cases of cerebral venous/venous sinus thrombosis during puerperium (Bansal et al.), 1079
Local anesthesia, laparoscopic sterilization under (Penfield), 733
Long-acting injectable progestogens, intrauterine devices and, as contraceptives, intraepithelial cervical neoplasia in women using (Dabancens et al.), 1052
Luteal (mid-) phase of normal human menstrual cycle, transient decline in serum progesterone levels during prostaglandin $F_{2\alpha}$ infusion in (Coudert, Winter, and Faiman), 755
Luteinizing hormone– and follicle-stimulating hormone–releasing mechanism, studies on, in testicular feminization syndrome (Zárate et al.), 971
(LH)-releasing hormone test, diagnostic significance of, in patients with amenorrhea (Aono et al.), 740
Lymph node invasion, location of, in cancer of uterine cervix: Study of 140 cases treated at Curie Foundation (Pilleron, Durand, and Hamelin), 453
involvement, pelvic, in Stage I carcinoma of cervix, effect of radiation therapy on (Lagasse et al.), 328
metastases, aortic, in early ovarian cancer (Knapp and Friedman), 1013
Lymphatic drainage of peritoneal cavity and its significance in ovarian cancer (Feldman and Knapp), 991 (Current opinion)
Lymphocytes, fetal and adult, mixed cultures of (Ohama and Kajii), 552
Lysosomal enzymes of amniotic fluid in relation to gestational age (Butterworth et al.), 821

M

Malignancy (malignancies) of uterine corpus following irradiation therapy for squamous cell carcinoma of cervix (Fehr and Prem), 685
vulvar, management of (Boyce and Mehram), 48
Malignant fibrous histiocytoma of vagina (Webb, Symmonds, and Weiland), 190
lesions, premalignant and, of vulva, treatment of (Dean et al.), 59
Maternal and cord blood, fluoride concentrations in human placenta and (Shen and Taves), 205
death(s) associated with intrauterine device (Christian), 441
due to stroke (Gibbs), 69
and fetal fluorometabolite concentrations after exposure to methoxyflurane (Fry and Taves), 199
parabiosis, hemodynamic effects of (Jackson, Piasecki, and Novy), 567 (Comm. in brief)
free fatty acid concentration, effects of acute alterations in, on human chorionic somatomammotropin secretion (Morris, Vinik, and Mulvihal), 224
mumps infection during gestation: Observations on progeny (Monif), 549
Maternal—Cont'd
serum, amniotic fluid and, in pregnancy, composition of (Benzie et al.), 798
Maturation, fetal, determination of amniotic fluid phospholipids for diagnosis of (Nakamura and Roux), 104
Maturity, fetal, amniotic fluid tests for (Doran et al.), 829
pulmonary, determination of, by amniotic fluid lecithin/sphingomyelin ratio and rapid shake tert (Merola et al.), 243
foam test as prognosticator of (Rothbard and De Jesus), 924
Meconium-stained neonates, normal and, erythrocyte 2,3-diphosphoglycerate concentrations in umbilical venous blood from (Morriss and Brumley, 988 (Current investigation)
Medical education, experiment in (Kirschbaum), 320
Medium, chemically defined, reversal of amniotic fluid bacterial growth inhibition by addition of, II. Bacterial growth inhibition by amniotic fluid (Larsen, Snyder, and Galask), 497
Melanocyte, β-, -stimulating hormone, serum concentrations of, in human pregnancy (Ances and Pomerantz), 1062
Melitensis, Brucella, intrauterine fetal infection with, as possible cause of second-trimester abortion (Sarram et al.), 657
Menstrual cycle, human, comparison of patterns of androstenedione, progesterone, and estradiol during (Ribeiro, Mishell, and Thorneycroft), 1026
normal human, transient decline in serum progesterone levels during prostaglandin $F_{2\alpha}$ infusion in midluteal phase of (Coudert, Winter, and Faiman), 755
serum testosterone concentrations in women throughout, and following HCG administration (Goebelsmann et al.), 445
Mercuric nitrate and methyl mercury, placental transfer of, in rat (Mansour et al.), 557
Mercury, methyl, mercuric nitrate and, placental transfer of, in rat (Mansour et al.), 557
Metabolism, carbohydrate, in previable fetal death (Goldman), 1083
prostaglandin E_1, absence of, in hydatidiform mole (Alam et al.), 1131 (Comm. in brief)
Metabolite VIII, bromhexine, fetal pulmonary surfactant induction by (Lorenz et al.), 1126 (Comm. in brief)
Metal curettage, rigid, dilatation and, dilatation and vacuum aspiration versus, effectiveness and complications of abortion by (Edelman, Brenner, and Berger), 473
Metaplasia, squamous, of endometrium in women with intrauterine contraceptive device: Follow-up study (Lane et al.) 693
Metastasis (metastases), aortic lymph node, in early ovarian cancer (Knapp and Friedman), 1013
node, prognostic value of, in cancer of uterine cervix (Pilleron, Durand, and Hamelin), 458
Methoxyflurane, maternal and fetal fluorometabolite concentrations after exposure to (Fry and Taves), 199
Methyl mercury, mercuric nitrate and, placental transfer of, in rat (Mansour et al.), 557
Microangiopathic hemolytic anemia in severe pre-eclampsia (Vardi and Fields), 617
Microscopy, scanning electron, spectrum of antibacterial activity of human amniotic fluid determined by (Larsen, Schlievert, and Galask), 895
Mid-trimester abortion(s) induced by intra-amniotic prostaglandin $F_{2\alpha}$: Fetal tissue viability (Golbus and Erickson), 268 (Comm. in brief)
laminaria and intra-amniotic prostaglandin $F_{2\alpha}$ for induction of (Golbus), 569 (Comm. in brief)

Mole(s), hydatidiform, absence of prostaglandin E_1 metabolism in (Alam et al.), 1131 (Comm. in brief)
serum estradiol-17β and serum human chorionic gonadotropin in patients with (Dawood, Ratnam, and Teoh), 904
intact and aborted hydatidiform, progesterone concentrations in sera of patients with (Dawood), 911
Monitoring, internal fetal, puerperal morbidity and (Wiechetek, Horiguchi, and Dillon), 230
multiphasic fetal (Goodlin and Lowe), 341
Morality, new, re-evaluated: Psychiatrist's point of view (Zeller), 24
Morbidity, puerperal, and internal fetal monitoring (Wiechetek, Horiguchi, and Dillon), 230
Morphologic changes of uterine wall following intra-amniotic injection of hypertonic saline in rhesus monkey (Myers et al.), 877
Mortality rates, perinatal: Fourteen-year survey in metropolitan community hospital (Franklin), 297
Mothers and their infants, comparison of neutralizing antibody titers in: Herpesvirus infections in pregnancy (Smith and Hanna), 314
Mucopolysaccharide excretion, urinary, effect of pregnancy upon (Thompson, de Vries, and Ledger), 1069
Multiparas, intrauterine contraception in, with Dalkon Shield (Ostergard), 1033
Multiphasic fetal monitoring (Goodlin and Lowe), 341
Mumps infection, maternal, during gestation: Observations on progeny (Monif), 549

N

Neonatal genital prolapse, Penrose pessary management of (Dixon, Acosta, and Young), 855 (Comm. in brief)
respiratory distress, amniotic fluid bubble stability test as screening procedure for predicting risk of (Sproule, Greene, and Whitfield), 653
status, fetal and, effect of epidural analgesia upon (Wingate et al.), 1101
Neonates, normal and meconium-stained, erythrocyte 2,3-diphosphoglycerate concentrations in umbilical venous blood from (Morriss and Brumley), 988 (Current investigation)
Neoplasia, intraepithelial cervical, in women using intrauterine devices and long-acting injectable progestogens as contraceptives (Dabancens et al.), 1052
Neuroma, acoustic, in last months of pregnancy (Allen, Eldridge, and Koerber), 516
Neutralizing antibody titers in mothers and their infants, comparison of: Herpesvirus infections in pregnancy (Smith and Hanna), 314
New York City obstetric patients, risk variations in: Toxoplasmosis (Kimball, Kean, and Fuchs), 208
Nicotine, placental transfer and distribution of, in pregnant rhesus monkey (Suzuki et al.), 253
Nitrate, mercuric, and methyl mercury, placental transfer of, in rat (Mansour et al.), 557
Node invasion, lymph, location of, in cancer of uterine cervix: Study of 140 cases treated at Curie Foundation (Pilleron, Durand, and Hamelin), 453
involvement, pelvic lymph, in Stage I carcinoma of cervix, effect of radiation therapy on (Lagasse et al.), 328
metastasis (metastases), aortic lymph, in early ovarian cancer (Knapp and Friedman), 1013
prognostic value of, in cancer of uterine cervix (Pilleron, Durand, and Hamelin), 458
Nulliparous women, experience with three different models of Copper T intrauterine contraceptive device in (Roy, Cooper, and Mishell), 414 (Current investigation)

O

Obstetric patients, New York City, risk variations in: Toxoplasmosis (Kimball, Kean, and Fuchs), 208
Obstetrician(s), challenge for: Pregnant patient in conflict about abortion (Baudry and Wiener), 705 (Current opinion)
and gynecologists, Board-certified, current practices of, in United States (Randall), 156
Office procedure, curettage as (Sandmire and Austin), 82
Offspring, their, pregnant women and, blood lead values in (Gershanik, Brooks, and Little), 508
Operations, destructive, on fetus (Smale), 369
Oral abortifacient for rats: Embryocidal action of bis-(dichloroacetyl)diamine (Oster, Salgo, and Taleporos), 583
contraceptive(s), benign cholestatic jaundice from, and benign cholestatic jaundice of pregnancy (Drill), 165
Demulen, change in glucose and insulin after six months' treatment with (Spellacy et al.), 266 (Comm. in brief)
relationship of ABO blood types to changes induced by, VI. Progestational agents and blood coagulation (Lillie and Mink), 406
therapy, sequential, changes induced by, V. Progestational agents and blood coagulation (Mink et al.), 401
Ovarian biopsy under laparoscopic vision, bleeding after (Esposito and Rubino), 857 (Comm. in brief)
cancer, early, aortic lymph node metastases in (Knapp and Friedman), 1013
lymphatic drainage of peritoneal cavity and its significance in (Feldman and Knapp), 991 (Current opinion)
cycle, blood count during (Mettler and Shirwani), 1038
stromal hyperplasia and possible relationship of common diseases of female reproductive system, clinical and pathologic review of (Stearns, Sneeden, and Fearl), 375
tumor-specific antigens (Knauf and Urbach), 966
Oxidase, serum diamine, family with high activity of (Gennser, Söderberg, and Tryding), 1128 (Comm. in brief)
Oxytocin levels, plasma, during human pregnancy and labor as determined by radioimmunoassay (Kumaresan et al.), 215
Oxytocinase levels, serum (Carter et al.), 76

P

Pacific Coast Obstetrical and Gynecological Society, transactions, fortieth annual meeting, 277-400
prescription for pregnancy: Birth weight in Fiji and Western Samoa (Rosa), 1121
Parabiosis, maternal-fetal, hemodynamic effects of (Jackson, Piasecki, and Novy), 567 (Comm. in brief)
Pathologic review, clinical and, of ovarian stromal hyperplasia and possible relationship to common diseases of female reproductive system (Stearns, Sneeden, and Fearl), 375
Pelvic cancer patients, urinary conduit in (Swan and Rutledge), 6
lymph node involvement in Stage I carcinoma of cervix, effect of radiation therapy on (Lagasse et al.), 328
veins, incidence of unsuspected asymptomatic thrombophlebitis of, associated with hysterectomy (Hayden), 396
Pelvis, method of evaluating: Culdotomy (Hofmeister), 39
Penrose pessary management of neonatal genital prolapse (Dixon, Acosta, and Young), 855 (Comm. in brief)
Percutaneous approach: Fetoscopy and fetal blood sampling (Patrick, Perry, and Kinch), 539

Perforation, cervical, by Copper T intrauterine contraceptive device (Cederqvist and Fuchs), 854 (Comm. in brief)
Perinatal asphyxia, severe, developmental sequelae in infants having suffered (Dweck et al.), 811
death, birth weight and, physical characteristics of gravida and association with (Niswander and Jackson), 306
mortality rates: Fourteen-year survey in metropolitan community hospital (Franklin), 297
Peritoneal cavity, lymphatic drainage of, and its significance in ovarian cancer (Feldman and Knapp), 991 (Current opinion)
Pessary, Penrose, management of neonatal genital prolapse (Dixon, Acosta, and Young), 855 (Comm. in brief)
$PGF_{2\alpha}$, coagulation studies during second-trimester abortions induced by (Phillips, Mohajer-Shojai, and Dillon), 577
Phagocytic response, human fetal, modification of, by promethazine hydrochloride (Gusdon et al.), 543
Phenobarbital, effect of, on intrahepatic cholestasis of pregnancy (Espinoza, Barnafi, and Schnaidt), 234
Phenotypic female with gonadal tumor and autosome/Y chromosome translocation, apparent pseudopuberty in (Park et al.), 661
Phospholipids, amniotic fluid, acetone fraction of, fatty acid composition and concentration of lecithin in (Roux, Nakamura, and Frosolono), 838
determination of, for diagnosis of fetal maturation (Nakamura and Roux), 104
human amniotic fluid, studies of, in normal, diabetic, and drug-abuse pregnancy (Singh, Mejia, and Zuspan), 623
Physical characteristics of gravida and association with birth weight and perinatal death (Niswander and Jackson), 306
fitness in pregnancy: Its effect on pregnancy outcome (Pomerance, Gluck, and Lynch), 867
Physiologic variability, fetal EEG sleep stages and (Mann, Duchin, and Weiss), 533
Placenta, human fetus and, endocrine functions of (Diczfalusy), 419 (Current developments)
and maternal and cord blood, fluoride concentrations in (Shen and Taves), 205
Placental insufficiency, abnormal antepartum cardiotocograms in patients with (Tushuizen, Stoot, and Ubachs), 638
transfer and distribution of nicotine in pregnant rhesus monkey (Suzuki et al.), 253
of mercuric nitrate and methyl mercury in rat (Mansour et al.), 557
Plasma estrone, estradiol, estriol, progesterone, and cortisol in normal labor (Okada et al.), 502
oxytocin levels during human pregnancy and labor as determined by radioimmunoassay (Kumaresan et al.), 215
Podophyllin poisoning associated with treatment of condyloma acuminatum: Case report (Montaldi et al.), 1130 (Comm. in brief)
Poisoning, podophyllin, associated with treatment of condyloma acuminatum: Case report (Montaldi et al.), 1130 (Comm. in brief)
Postmenopausal women, asymptomatic, use of Gravlee Jet Washer in routine screening of (Dibona and Knab), 681
Postpartum hysterectomy for sterilization (Bazley and Crisp), 139
Pre-eclampsia, severe, microangiopathic hemolytic anemia in (Vardi and Fields), 617
Pregnancy (pregnancies), acoustic neuroma in last months of (Allen, Eldridge, and Koerber), 516
after eclampsia (López-Llera and Horta), 193
Pregnancy (pregnancies)—Cont'd
benign cholestatic jaundice of, and benign cholestatic jaundice from oral contraceptives (Drill), 165
composition of amniotic fluid and maternal serum in (Benzie et al.), 798
diabetic, its possible significance in: Glucose concentration in amiotic fluid (Archimaut et al.), 596
early, evaluation of Pregnosticon Dri-Dot test in (Edelman et al.), 521
effect of phenobarbital on intrahepatic cholestasis of (Espinoza, Barnafi, and Schnaidt), 234
upon urinary mucopolysaccharide excretion (Thompson, de Vries, and Ledger), 1069
following total hysterectomy (Niebyl), 512
herpesvirus infections in: Comparison of neutralizing antibody titers in mothers and their infants (Smith and Hanna), 314
human, serum concentrations of β-melanocyte-stimulating hormone in (Ances and Pomerantz), 1062
at term, on regulation of estrogen production by cortisol and ACTH in (Simmer et al.), 283
hyperthyroidism during (Worley and Crosby), 150
and labor, human, plasma oxytocin levels during, as determined by radioimmunoassay (Kumaresan et al.), 215
late, and labor, blood cortisol variations during (Jolivet, Blanchier, and Gautray), 775
normal and abnormal, concentrations of free amino acids in human amniotic fluid during (Kang and Scanlon), 603
diabetic, and drug-abuse, studies of human amniotic fluid phospholipids in (Singh, Mejia, and Zuspan), 623
outcome, in situ IUD and (Shine and Thompson), 124
Pacific prescription for: Birth weight in Fiji and Western Samoa (Rosa), 1121
physical fitness in: Its effect on pregnancy outcome (Pomerance, Gluck, and Lynch), 867
stressed, L/S ratio in, II. Clinical experience with amniotic fluid lecithin/sphingomyelin ratio (Freeman et al.), 239
toxemia of, pressor substances in posthemodialysis dialysates of patients with (Vorne et al.), 610
wastage, some biologic correlates of (Awan), 525
zone protein in sera of pregnant and puerperal women, quantitative study of (von Schoultz), 792
Pregnant patient in conflict about abortion: Challenge for obstetrician (Baudry and Wiener), 705 (Current opinion)
normal, effect of ampicillin administration on urinary estriol and serum estradiol in (Boehm, DiPietro, and Goss), 98
and puerperal women, quantitative study of pregnancy zone protein in sera of (von Schoultz), 792
rhesus monkey, placental transfer and distribution of nicotine in (Suzuki et al.), 253
women and their offspring, blood lead values in (Gershanik, Brooks, and Little), 508
Pregnosticon Dri-Dot test, evaluation of, in early pregnancy (Edelman et al.), 521
Preinvasive, locally invasive, and disseminated disease, status in: Immunologic reactivity of female patients with genital cancer (Khoo and Mackay), 1018
Premalignant and malignant lesions of vulva, treatment of (Dean et al.), 59
Premature rabbits, isoxsuprine-induced alterations of pulmonary pressure-volume relationships in (Wyszogrodski, Taeusch, and Avery), 1107
Prenatal sex determination by fluorescent staining of cells for presence of Y chromatin (Manuel, Park, and Jones), 853 (Comm. in brief)
Preoperative radiation therapy in endometrial carcinoma, histopathologic analysis of (Silverberg and DeGiorgi), 698

Prescription, Pacific, for pregnancy: Birth weight in Fiji and Western Samoa (Rosa), 1121
Presentation, breech, hyperextension of head in (Daw), 564 (Comm. in brief)
Pressor substances in posthemodialysis dialysates of patients with toxemia of pregnancy (Vorne et al.), 610
Pressure-volume relationships, pulmonary, isoxsuprine-induced alterations of, in premature rabbits (Wyszogrodski, Taeusch, and Avery), 1107
Previable fetal death, carbohydrate metabolism in (Goldman), 1083
Primary amenorrhea, cytogenetics of fifty patients with (Sarto), 14
Progeny, observations on: Maternal mumps infection during gestation (Monif), 549
Progestational agents and blood coagulation. V. Changes induced by sequential oral contraceptive therapy (Mink et al.), 401
VI. Relationship of ABO blood types to changes induced by oral contraceptives (Lillie and Mink), 406
Progesterone, binding of, in human Fallopian tube (Kumra et al.), 762
concentrations in sera of patients with intact and aborted hydatidiform moles (Dawood), 911
cortisol, estrone, estradiol, and estriol, plasma, in normal labor (Okada et al.), 502
estradiol, and androstenedione, comparison of patterns of, during human menstrual cycle (Ribeiro, Mishell, and Thorneycroft), 1026
levels, serum, transient decline in, during prostaglandin $F_{2\alpha}$ infusion in midluteal phase of normal human menstrual cycle (Coudert, Winter, and Faiman), 755
Progestogens, long-acting injectable, intrauterine devices and, as contraceptives, intraepithelial cervical neoplasia in women using (Dabancens et al.), 1052
Prognostic value of node metastasis in cancer of uterine cervix (Pilleron, Durand, and Hamelin), 458
Prolactin, serum, in patients with inappropriate lactation (Archer et al.), 466
Prolapse, neonatal genital, Penrose pessary management of (Dixon, Acosta, and Young), 855 (Comm. in brief)
Promethazine hydrochloride, modification of human fetal phagocytic response by (Gusdon et al.), 543
Prophylactic antibiotics in elective abdominal hysterectomy (Rosenheim), 335
Prostaglandin E_1 metabolism, absence of, in hydatidiform mole (Alam et al.), 1131 (Comm. in brief)
$F_{2\alpha}$, apparent increased incidence with: Cervicovaginal fistula (Lowensohn and Ballard), 1057
infusion, transient decline in serum progesterone levels during, in midluteal phase of normal human menstrual cycle (Coudert, Winter, and Faiman), 755
intra-amniotic, laminaria and, for induction of midtrimester abortions (Golbus), 569 (Comm. in brief)
mid-trimester abortion induced by: Fetal tissue viability (Golbus and Erickson), 268 (Comm. in brief)
($PGF_{2\alpha}$), coagulation studies during second-trimester abortions induced by (Phillips, Mohajer-Shojai, and Dillon), 577
Protein(s), amniotic fluid, in antenatal diagnosis of some fetal abnormalities (Higa et al.), 932
pregnancy zone, in sera of pregnant and puerperal women, quantitative study of (von Schoultz), 792
Pseudopuberty, apparent, in phenotypic female with gonadal tumor and autosome/Y chromosome translocation (Park et al.), 661
Psychiatrist's point of view: New morality re-evaluated (Zeller), 24
Psychological aftermath, comparison of: Hysterectomy and tubal ligation (Hampton and Tarnasky), 949
Puerperal morbidity and internal fetal monitoring (Wiechetek, Horiguchi, and Dillon), 230
women, pregnant and, quantitative study of pregnancy zone protein in sera of (von Schoultz), 792
Puerperium, study of serum lipid and blood fibrinolytic activity in cases of cerebral venous/venous sinus thrombosis during (Bansal et al.), 1079
Pulmonary maturity, fetal, determination of, by amniotic fluid lecithin/sphingomyelin ratio and rapid shake test (Merola et al.), 243
foam test as prognosticator of (Rothbard and De Jesus), 924
pressure-volume relationships, isoxsuprine-induced alterations of, in premature rabbits (Wyszogrodski, Taeusch, and Avery), 1107
surfactant induction, fetal, by bromhexine metabolite VIII (Lorenz et al.), 1126 (Comm. in brief)

Q

Quinacrine hydrochloride, toxic and antifertility effects of, in rats (Joseph and Kincl), 978

R

Radiation therapy for cervical cancer, bladder or rectal injury following (van Nagell et al.), 727
effect of, on pelvic lymph node involvement in Stage I carcinoma of cervix (Lagasse et al.), 328
preoperative, in endometrial carcinoma, histopathologic analysis of (Silverberg and DeGiorgi), 698
Radioimmunoassay, plasma oxytocin levels during human pregnancy and labor as determined by (Kumaresan et al.), 215
solid-phase, specific for human chorionic gonadotropin, clinical use of (Kosasa et al.), 784
Rate deceleration patterns, fetal heart, programmed identification of (Chik et al.), 816
Ratio, amniotic fluid lecithin/sphingomyelin, clinical experience with. II. L/S ratio in "stressed pregnancies," (Freeman et al.), 239
and rapid shake test, determination of fetal pulmonary maturity by (Merola et al.), 243
lecithin/sphingomyelin, in amniotic fluid, quantitation of, by simple charring method (Sgoutas and Jones), 929
amniotic fluid shake test versus, in antenatal prediction of respiratory distress syndrome (Mukherjee et al.), 648
Rectal injury, bladder or, following radiation therapy for cervical cancer (van Nagell et al.), 727
Releasing, LH-, hormone test, diagnostic significance of, in patients with amenorrhea (Aono et al.), 740
mechanism, luteinizing hormone- and follicle-stimulating hormone-, studies on, in testicular feminization syndrome (Zárate et al.), 971
Renal blood flow in fetal lamb in utero, effect of carbon dioxide elevation on (Beguin, Dunnihoo, and Quilligan), 630
Reproductive system, female, clinical and pathologic review of ovarian stromal hyperplasia and possible relationship to common diseases of (Stearns, Sneeden, and Fearl), 375
Respiratory distress, neonatal, amniotic fluid bubble stability test as screening procedure for predicting risk of (Sproule, Greene, and Whitfield), 653
syndrome, amniotic fluid shake test versus lecithin/sphingomyelin ratio in antenatal prediction of (Mukherjee et al.), 648
cortisol and cortisone levels in cord blood at delivery of infants with and without (Murphy), 1112
movements in fetal rhesus monkeys (Martin et al.), 939

Return to Epidaurus (Decker), 1
Ribonucleic acid, xenogeneic "immune," immune cytolysis of human tumor cells mediated by: Implications for immunotherapy (Veltman, Kern, and Pilch), 959
Rigid metal curettage, dilatation and, dilatation and vacuum aspiration versus, effectiveness and complications of abortion by (Edelman, Brenner, and Berger), 473
Rokitansky-Küster-Hauser syndrome, important tool in diagnosis of: Laparoscopy (Casthely, Maheswaran, and Levy), 571 (Comm. in brief)
Rudimentary streak gonads, gonadal dysgenesis with atypical bleeding, functional cyst in (McDonough and Tho), 565 (Comm. in brief)

S

Saline, hypertonic, –induced abortion, decidual changes during (Vassilakos, Wyss, and Šlastný), 889
intra-amniotic injection of, morphologic changes of uterine wall following, in rhesus monkey (Myers et al.), 877
Samoa, Western, Fiji and, birth weight in: Pacific prescription for pregnancy? (Rosa), 1121
Sampling, fetal blood, fetoscopy and: Percutaneous approach (Patrick, Perry, and Kinch), 539
Scanning electron microscopy, spectrum of antibacterial activity of human amniotic fluid determined by (Larsen, Schlievert, and Galask), 895
Screening device, acceptable yearly, for endometrial carcinoma (Muenzer et al.), 31
error rate from observed detection rates, estimation of, in repeated cervical cytology (Coppleson and Brown), 953
procedure for predicting risk of neonatal respiratory distress, amniotic fluid bubble stability test as (Sproule, Greene, and Whitfield), 653
routine, of asymptomatic postmenopausal women, use of Gravlee Jet Washer in (Dibona and Knab), 681
test, rapid, for detection of alpha-1 fetoprotein as indicator of fetal distress (Cahill, Cohen, and Starkovsky), 1095
Second-trimester abortion(s) induced by $PGF_{2\alpha}$, coagulation studies during (Phillips, Mohajer-Shojai, and Dillon), 577
intrauterine fetal infection with *Brucella melitensis* as possible cause of (Sarram et al.), 657
Secretion, human chorionic somatomammotropin, effects of acute alterations in maternal free fatty acid concentration on (Morris, Vinik, and Mulvihal), 224
Section, cesarean, late hemorrhage following (Ross and Galliford), 858 (Comm. in brief)
Sequential oral contraceptive therapy, changes induced by, V. Progestational agents and blood coagulation (Mink et al.), 401
Serum (sera) concentrations of β-melanocyte-stimulating hormone in human pregnancy (Ances and Pomerantz), 1062
diamine oxidase, family with high activity of (Gennser, Söderberg, and Tryding), 1128 (Comm. in brief)
estradiol, urinary estriol and, effect of ampicillin administration on, in normal pregnant patient (Boehm, DiPietro, and Goss), 98
-17β and serum human chorionic gonadotropin in patients with hydatidiform moles (Dawood, Ratnam, and Teoh), 904
lipid and blood fibrinolytic activity, study of, in cases of cerebral venous/venous sinus thrombosis during puerperium (Bansal et al.), 1079
maternal, amniotic fluid and, in pregnancy, composition of (Benzie et al.), 798
oxytocinase levels (Carter et al.), 76
of patients with intact and aborted hydatidiform moles, progesterone concentrations in (Dawood), 911
Serum (sera)—Cont'd
of pregnant and puerperal women, quantitative study of pregnancy zone protein in (von Schoultz), 792
progesterone levels, transient decline in, during prostaglandin $F_{2\alpha}$ infusion in midluteal phase of normal human menstrual cycle (Coudert, Winter, and Faiman), 755
prolactin in patients with inappropriate lactation (Archer et al.), 466
testosterone concentrations in women throughout menstrual cycle and following HCG administration (Goebelsmann et al.), 445
Sex determination, prenatal, by fluorescent staining of cells for presence of Y chromatin (Manuel, Park, and Jones), 853 (Comm. in brief)
Sexual dysfunction after therapy for cervical carcinoma (Abitbol and Davenport), 181
inadequacy, human, rapid treatment approach to (Powell et al.), 89
Shake test, amniotic fluid, versus lecithin/sphingomyelin ratio in antenatal prediction of respiratory distress syndrome (Mukherjee et al.), 648
rapid, determination of fetal pulmonary maturity by amniotic fluid lecithin/sphingomyelin ratio and (Merola et al.), 243
Sheehan's syndrome and stilbestrol therapy, endometrial carcinoma associated with (Reid and Shirley), 264 (Comm. in brief)
Shield, Dalkon, intrauterine contraception in multiparas with (Ostergard), 1033
Sinus, venous/venous, thrombosis, cerebral, during puerperium, study of serum lipid and blood fibrinolytic activity in cases of (Bansal et al.), 1079
Situ, carcinoma in, of cervix after amethopterin therapy (Ringrose), 1132 (Comm. in brief)
in, IUD and pregnancy outcome (Shine and Thompson), 124
Sleep stages, fetal EEG, and physiologic variability (Mann, Duchin, and Weiss), 533
Solid-phase radioimmunoassay specific for human chorionic gonadotropin, clinical use of (Kosasa et al.), 784
Somatomammotropin secretion, human chorionic, effects of acute alterations in maternal free fatty acid concentration on (Morris, Vinik, and Mulvihal), 224
Sphingomyelin, lecithin/, ratio, amniotic fluid, clinical experience with. II. L/S ratio in "stressed pregnancies" (Freeman et al.), 239
quantitation of, by simple charring method (Sgoutas and Jones), 929
and rapid shake test, determination of fetal pulmonary maturity by (Merola et al.), 243
shake test versus, in antenatal prediction of respiratory distress syndrome (Mukherjee et al.), 648
Squamous cell carcinoma of cervix, malignancy of uterine corpus following irradiation therapy for (Fehr and Prem), 685
metaplasia of endometrium in women with intrauterine contraceptive device: Follow-up study (Lane et al.), 693
Stability test, amniotic fluid bubble, as screening procedure for predicting risk of neonatal respiratory distress (Sproule, Greene, and Whitfield), 653
Stage I carcinoma of cervix, effect of radiation therapy on pelvic lymph node involvement in (Lagasse et al.), 328
Stained, meconium-, neonates, normal and, erythrocyte 2,3-diphosphoglycerate concentrations in umbilical venous blood from (Morriss and Brumley), 988 (Current investigation)
Staining, fluorescent, of cells for presence of Y chromatin, prenatal sex determination by (Manuel, Park, and Jones), 853 (Comm. in brief)

Sterilization, laparoscopic tubal, new bipolar instrument for (Rioux and Cloutier), 737
under local anesthesia (Penfield), 733
postpartum hysterectomy for (Bazley and Crisp), 139
Stilbestrol therapy, endometrial carcinoma associated with Sheehan's syndrome and (Reid and Shirley), 264 (Comm. in brief)
Stimulating, β-melanocyte–, hormone, serum concentrations of, in human pregnancy (Ances and Pomerantz), 1062
follicle-, hormone–, luteinizing hormone– and, releasing mechanism, studies on, in testicular feminization syndrome (Zárate et al.), 971
Streak gonads, rudimentary, gonadal dysgenesis with atypical bleeding, functional cyst in (McDonough and Tho), 565 (Comm. in brief)
"Stressed pregnancies," L/S ratio in, II. Clinical experience with amniotic fluid lecithin/sphingomyelin ratio (Freeman et al.), 239
Stroke, maternal death due to (Gibbs), 69
Stromal hyperplasia, ovarian, and possible relationship to common diseases of female reproductive system, clinical and pathologic review of (Stearns, Sneeden, and Fearl), 375
Surfactant induction, fetal pulmonary, by bromhexine metabolite VIII (Lorenz et al.), 1126 (Comm. in brief)
Syndrome, respiratory distress, amniotic fluid shake test versus lecithin/sphingomyelin ratio in antenatal prediction of (Mukherjee et al.), 648
cortisol and cortisone levels in cord blood at delivery of infants with and without (Murphy), 1112
Rokitansky-Küster-Hauser, important tool in diagnosis of: Laparoscopy (Casthely, Maheswaran, and Levy), 571 (Comm. in brief)
Sheehan's, and stilbestrol therapy, endometrial carcinoma associated with (Reid and Shirley), 264 (Comm. in brief)
testicular feminization, studies on luteinizing hormone– and follicle-stimulating hormone–releasing mechanism in (Zárate et al.), 971
System, female reproductive, clinical and pathologic review of ovarian stromal hyperplasia and possible relationship to common diseases of (Stearns, Sneeden, and Fearl), 375

T

T intrauterine contraceptive device, Copper, cervical perforation by (Cederqvist and Fuchs), 854 (Comm. in brief)
experience with three different models of, in nulliparous women (Roy, Cooper, and Mishell), 414 (Current investigation)
Tents, laminaria, use of, for cervical dilatation prior to vacuum aspiration abortion (Golditch and Glasser), 481
Teratogenesis, viral: Review with experimental and clinical perspectives (Harris), 996 (Current developments)
Term, human pregnancy at, on regulation of estrogen production by cortisol and ACTH in (Simmer et al.), 283
Test(s), amniotic fluid bubble stability, as screening procedure for predicting risk of neonatal respiratory distress (Sproule, Greene, and Whitfield), 653
for fetal maturity (Doran et al.), 829
shake, versus lecithin/sphingomyelin ratio in antenatal prediction of respiratory distress syndrome (Mukherjee et al.), 648
foam, as prognosticator of fetal pulmonary maturity (Rothbard and De Jesus), 924
integrated direct functional, of adenohypophysis (Rakoff et al.), 358
Test(s)—Cont'd
LH-releasing hormone, diagnostic significance of, in patients with amenorrhea (Aono et al.), 740
rapid screening, for detection of alpha-1 fetoprotein as indicator of fetal distress (Cahill, Cohen, and Starkovsky), 1095
shake, determination of fetal pulmonary maturity by amniotic fluid lecithin/sphingomyelin ratio and (Merola et al.), 243
Testicular feminization syndrome, studies on luteinizing hormone– and follicle-stimulating hormone–releasing mechanism in (Zárate et al.), 971
Testosterone concentrations, serum, in women throughout menstrual cycle and following HCG administration (Goebelsmann et al.), 445
Theca-granulosa cell tumor, estrogen excretion in case of (Targett), 859 (Comm. in brief)
Therapy, amethopterin, carcinoma in situ of cervix after (Ringrose), 1132 (Comm. in brief)
for cervical carcinoma, sexual dysfunction after (Abitbol and Davenport), 181
irradiation, for squamous cell carcinoma of cervix, malignancy of uterine corpus following (Fehr and Prem), 685
radiation, effect of, on pelvic lymph node involvement in Stage I carcinoma of cervix (Lagasse et al.), 328
sequential oral contraceptive, changes induced by, V. P gestational agents and blood coagulation (Mink et al.), 401
stilbestrol, endometrial carcinoma associated with Sheehan's syndrome and (Reid and Shirley), 264 (Comm. in brief)
Thrombophlebitis, unsuspected asymptomatic, of pelvic veins associated with hysterectomy, incidence of (Hayden), 396
Thrombosis, cerebral venous/venous sinus, during puerperium, study of serum lipid and blood fibrinolytic activity in cases of (Bansal et al.), 1079
Time for change (McLennan), 277
Tissue culture, rat uterine adenocarcinoma cells in, effects of hormones and chemotherapeutic agents on (Sekiya, Kikuchi, and Takamizawa), 675
viability, fetal: Mid-trimester abortion induced by intra-amniotic prostaglandin $F_{2\alpha}$ (Golbus and Erickson), 268 (Comm. in brief)
Titers, neutralizing antibody, in mothers and their infants, comparison of: Herpesvirus infections in pregnancy (Smith and Hanna), 314
Total hysterectomy, pregnancy following (Niebyl), 512
Toxemia of pregnancy, pressor substances in posthemodialysis dialysates of patients with (Vorne et al.), 610
Toxic and antifertility effects of quinacrine hydrochloride in rats (Joseph and Kincl), 978
Toxoplasmosis: Risk variations in New York City obstetric patients (Kimball, Kean, and Fuchs), 208
Tract, female genital, verrucous carcinoma of (Lucas, Benirschke, and Lebherz), 435
Transactions, fortieth annual meeting, Pacific Coast Obstetrical and Gynecological Society, 277-400
forty-first annual meeting, Central Association of Obstetricians and Gynecologists, 1-130, 139-155
Transfer, antibody, during labor (Turmero T.), 486
placental, and distribution of nicotine in pregnant rhesus monkey (Suzuki et al.), 253
of mercuric nitrate and methyl mercury in rat (Mansour et al.), 557
Translocation, autosome/Y chromosome, gonadal tumor and, apparent pseudopuberty in phenotypic female with (Park et al.), 661
Treatment approach, rapid, to human sexual inadequacy (Powell et al.), 89

Treatment—Cont'd
of condyloma acuminatum, podophyllin poisoning associated with: Case report (Montaldi et al.), 1130 (Comm. in brief)
of premalignant and malignant lesions of vulva (Dean et al.), 59
six months', with oral contraceptive Demulen, change in glucose and insulin after (Spellacy et al.), 266 (Comm. in brief)
Trimester, second-, abortion(s) induced by $PGF_{2\alpha}$, coagulation studies during (Phillips, Mohajer-Shojai, and Dillon), 577
intrauterine fetal infection with *Brucella melitensis* as possible cause of (Sarram et al.), 657
Tubal cauterization, laparoscopic, and intrauterine contraceptive device, tuboovarian abscess associated with (Wright), 1133 (Comm. in brief)
ligation, hysterectomy and: Comparison of psychological aftermath (Hampton and Tarnasky), 949
sterilization, laparoscopic, new bipolar instrument for (Rioux and Cloutier), 737
Tube(s), Fallopian, chemical closure of, in monkey, further studies on (Neuwirth, Ryu, and Richart), 463
human Fallopian, binding of progesterone in (Kumra et al.), 762
Tuboovarian abscess associated with laparoscopic tubal cauterization and intrauterine contraceptive device (Wright), 1133 (Comm. in brief)
Tumor cells, human, immune cytolysis of, mediated by xenogeneic "immune" ribonucleic acid: Implications for immunotherapy (Veltman, Kern, and Pilch), 959
gonadal, and autosome/Y chromosome translocation, apparent pseudopuberty in phenotypic female with (Park et al.), 661
ovarian, -specific antigens (Knauf and Urbach), 966
theca-granulosa cell, estrogen excretion in case of (Targett), 859 (Comm. in brief)

U

Umbilical blood flow in late gestation: Comparison of simultaneous measurements with two different techniques (Clapp et al.), 919
venous blood from normal and meconium-stained neonates, erythrocyte 2,3-diphosphoglycerate concentrations in (Morriss and Brumley), 988 (Current investigation)
United States, current practices of Board-certified obstetricians and gynecologists in (Randall), 156
University abortion programs: One year later (Burkman et al.), 131 (Current opinion)
Urinary conduit in pelvic cancer patients (Swan and Rutledge), 6
estriol and serum estradiol, effect of ampicillin administration on, in normal pregnant patient (Boehm, DiPietro, and Goss), 98
mucopolysaccharide excretion, effect of pregnancy upon (Thompson, de Vries, and Ledger, 1069
Uterine adenocarcinoma cells, rat, in tissue culture, effects of hormones and chemotherapeutic agents on (Sekiya, Kikuchi, and Takamizawa), 675
blood flow and its distribution, effect of estrogen on, in nonpregnant ewes (Anderson and Hackshaw), 589
cervix, cancer of, location of lymph node invasion in: Study of 140 cases treated at Curie Foundation (Pilleron, Durand, and Hamelin), 453
prognostic value of node metastasis in (Pilleron, Durand, and Hamelin), 458
corpus, malignancy of, following irradiation therapy for squamous cell carcinoma of cervix (Fehr and Prem), 685
Uterine—Cont'd
wall, morphologic changes of, following intra-amniotic injection of hypertonic saline in rhesus monkey (Myers et al.), 877
Utero, fetal lamb in, effect of carbon dioxide elevation on renal blood flow in (Beguin, Dunnihoo, and Quilligan), 630
Uterus, familial bicornuate and double (Polishuk and Ron), 982

V

Vacuum aspiration abortion, use of laminaria tents for cervical dilatation prior to (Golditch and Glasser), 481
dilatation and, versus dilatation and rigid metal curettage, effectiveness and complications of abortion by (Edelman, Brenner, and Berger), 473
Vagina and cervix, clear-cell adenocarcinoma of, in girls: Analysis of 170 Registry cases (Herbst et al.), 713 (Current developments)
malignant fibrous histiocytoma of (Webb, Symmonds, and Weiland), 190
Veins, pelvic, incidence of unsuspected asymptomatic thrombophlebitis of, associated with hysterectomy (Hayden), 396
Venous blood, umbilical, from normal and meconium-stained neonates, erythrocyte 2,3-diphosphoglycerate concentrations in (Morriss and Brumley), 988 (Current investigation)
/venous sinus thrombosis, cerebral, during puerperium, study of serum lipid and blood fibrinolytic activity in cases of (Bansal et al.), 1079
Verrucous carcinoma of female genital tract (Lucas, Benirschke, and Lebherz), 435
Viability, fetal tissue: Mid-trimester abortion induced by intra-amniotic prostaglandin $F_{2\alpha}$ (Golbus and Erickson), 268 (Comm. in brief)
Viral teratogenesis: Review with experimental and clinical perspectives (Harris), 996 (Current developments)
Vision, laparoscopic, ovarian biopsy under, bleeding after (Esposito and Rubino), 857 (Comm. in brief)
Volume, pressure-, relationships, pulmonary, isoxsuprine-induced alterations of, in premature rabbits (Wyszogrodski, Taeusch, and Avery), 1107
Vulva, invasive carcinoma of (Figge and Gaudenz), 382
treatment of premalignant and malignant lesions of (Dean et al.), 59
Vulvar malignancies, management of (Boyce and Mehram), 48

W

Washer, Gravlee Jet, use of, in routine screening of asymptomatic postmenopausal women (Dibona and Knab), 681
Wastage, pregnancy, some biologic correlates of (Awan), 525
Weight, birth, in Fiji and Western Samoa: Pacific prescription for pregnancy? (Rosa), 1121
and perinatal death, physical characteristics of gravida and association with (Niswander and Jackson), 306
Western Samoa, Fiji and, birth weight in: Pacific prescription for pregnancy? (Rosa), 1121

X

Xenogeneic "immune" ribonucleic acid, immune cytolysis of human tumor cells mediated by: Implications for immunotherapy (Veltman, Kern, and Pilch), 959

Y

Y chromosome, autosome/, translocation, gonadal tumor and, apparent pseudopuberty in phenotypic female with (Park et al.), 661
chromatin, fluorescent staining of cells for presence of, prenatal sex determination by (Manuel, Park, and Jones), 853 (Comm. in brief)

Yearly screening device, acceptable, for endometrial carcinoma (Muenzer et al.), 31

Z

Zone protein, pregnancy, in sera of pregnant and puerperal women, quantitative study of (von Schoultz), 792